

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101724\
 Data File : VU061151.D
 Acq On : 17 Oct 2024 19:07
 Operator : MD/SY
 Sample : P4368-07 0.6PPB
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2024

Quant Time: Oct 18 04:26:37 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U101724DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Fri Oct 18 04:25:38 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 10/21/2024
 Supervised By :Mahesh Dadoda 10/21/2024

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

Internal Standards						
1) Fluorobenzene	6.110	96	27739	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.631	95	13057	0.886	ug/l	0.00
Spiked Amount 1.000			Recovery	=	89.000%	
68) 1,2-Dichlorobenzene-d4	12.187	152	12932	0.890	ug/l	0.00
Spiked Amount 1.000			Recovery	=	89.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.380	85	4494	0.294	ug/l	99
3) Chloromethane	1.515	50	4968	0.342	ug/l	94
4) Vinyl Chloride	1.599	62	4678	0.313	ug/l	94
5) Bromomethane	1.853	94	2782	0.297	ug/l	93
6) Chloroethane	1.930	64	3152	0.315	ug/l	96
7) Trichlorofluoromethane	2.132	101	6417	0.302	ug/l	95
8) 1,1,2-Trichloro-1,2,2-...	2.576	101	3274	0.310	ug/l	99
9) 1,1-Dichloroethene	2.576	96	3545	0.322	ug/l	95
10) Iodomethane	2.714	142	3870	0.295	ug/l	91
11) Allyl Chloride	2.920	41	4300	0.303	ug/l	92
12) Acrylonitrile	3.358	53	1297m	0.586	ug/l	
13) Acetone	2.666	43	4021	1.393	ug/l	# 77
14) Carbon Disulfide	2.788	76	12062	0.318	ug/l	98
15) Methylene Chloride	3.039	84	5258	0.369	ug/l	94
16) trans-1,2-Dichloroethene	3.354	96	3890	0.301	ug/l	91
17) 1,1-Dichloroethane	3.862	63	7114	0.311	ug/l	96
18) 2-Butanone	4.785	43	5223m	1.478	ug/l	
19) Cyclohexane	5.380	56	6227m	0.304	ug/l	
20) Methylcyclohexane	6.753	83	6213	0.272	ug/l	94
21) 2,2-Dichloropropane	4.657	77	6345	0.301	ug/l	95
22) cis-1,2-Dichloroethene	4.669	96	4393	0.312	ug/l	98
23) Diethyl Ether	2.374	59	2411	0.282	ug/l	# 76
24) tert-Butyl Alcohol	3.280	59	2621m	2.937	ug/l	
25) Methyl tert-Butyl Ether	3.358	73	9305	0.316	ug/l	93
26) Bromochloromethane	4.968	128	1746	0.297	ug/l	94
27) Chloroform	5.081	83	8010	0.334	ug/l	96
28) 1,1,1-Trichloroethane	5.312	97	6792	0.321	ug/l	95
29) 1,1-Dichloropropene	5.525	75	5656	0.302	ug/l	99
30) Carbon Tetrachloride	5.515	117	5255	0.286	ug/l	97
31) Isopropyl Ether	3.988	45	9965	0.305	ug/l	100
32) Ethyl-t-butyl ether	4.493	59	10377	0.309	ug/l	97
33) Tert-Amyl methyl ether	5.933	73	9667	0.320	ug/l	# 91
34) Propionitrile	4.849	54	901m	1.068	ug/l	
35) Benzene	5.772	78	16164	0.307	ug/l	97
36) 1,2-Dichloroethane	5.795	62	4743	0.319	ug/l	# 85
37) Trichloroethene	6.537	130	4577	0.326	ug/l	91
38) 1,2-Dichloropropane	6.782	63	3758	0.282	ug/l	91
39) Methacrylonitrile	5.001	41	781	0.257	ug/l	# 48
40) Methyl acrylate	4.943	55	1709m	0.277	ug/l	
41) Tetrahydrofuran	5.074	42	1172	0.643	ug/l	# 61
42) 1-Chlorobutane	5.457	56	7410	0.309	ug/l	98
43) Dibromomethane	6.917	93	2298	0.332	ug/l	# 81
44) Bromodichloromethane	7.100	83	5204	0.309	ug/l	96

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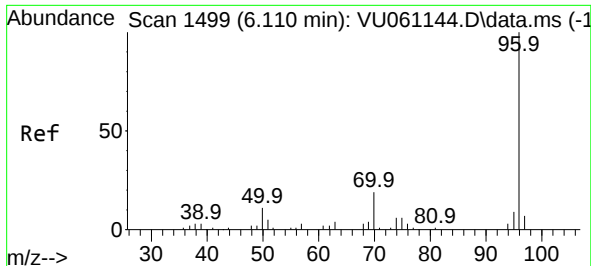
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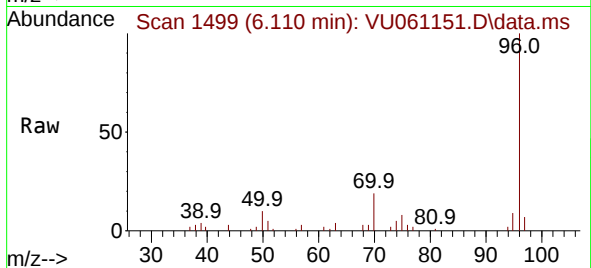
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.795	43	10353	1.491	ug/l	98
46) t-1,4-Dichloro-2-butene	10.830	75	1898m	0.686	ug/l	
47) Methyl methacrylate	6.975	69	3273	0.545	ug/l #	90
48) Ethyl methacrylate	8.338	69	3556	0.277	ug/l	93
49) Toluene	7.965	92	10552	0.317	ug/l	94
50) t-1,3-Dichloropropene	8.213	75	4716	0.291	ug/l	97
51) cis-1,3-Dichloropropene	7.608	75	5665	0.285	ug/l	97
52) 1,1,2-Trichloroethane	8.393	97	2875	0.308	ug/l	94
53) 1,3-Dichloropropane	8.570	76	5263	0.321	ug/l	98
54) 2-Hexanone	8.695	43	7177	1.259	ug/l	86
55) Dibromochloromethane	8.804	129	3190	0.290	ug/l	99
56) 1,2-Dibromoethane	8.920	107	2655	0.297	ug/l	92
58) Tetrachloroethene	8.547	164	3606	0.303	ug/l	96
59) Chlorobenzene	9.444	112	11348	0.317	ug/l	98
60) 1,1,1,2-Tetrachloroethane	9.528	131	3806	0.315	ug/l	95
61) Pentachloroethane	11.418	117	2496	0.270	ug/l	99
62) Hexachloroethane	12.470	117	2448	0.257	ug/l	99
63) Ethyl Benzene	9.566	91	19028	0.296	ug/l	98
64) m/p-Xylenes	9.688	106	14007	0.573	ug/l	94
65) o-Xylene	10.097	106	7289	0.303	ug/l	99
66) Styrene	10.116	104	11115	0.297	ug/l	96
67) Bromoform	10.283	173	1722	0.299	ug/l #	87
69) Isopropylbenzene	10.479	105	16976	0.297	ug/l	98
70) 1,1,2,2-Tetrachloroethane	10.775	83	3446	0.304	ug/l	98
71) 1,2,3-Trichloropropane	10.817	75	2725m	0.295	ug/l	
72) Bromobenzene	10.782	156	4002	0.291	ug/l	84
73) n-propylbenzene	10.901	120	4731	0.283	ug/l	99
74) 2-Chlorotoluene	10.981	126	4106	0.284	ug/l	86
75) 1,3,5-Trimethylbenzene	11.081	105	14188	0.275	ug/l	98
76) 4-Chlorotoluene	11.097	126	4078	0.278	ug/l	86
77) tert-Butylbenzene	11.412	119	14854	0.291	ug/l	98
78) 1,2,4-Trimethylbenzene	11.463	105	14424	0.277	ug/l	97
79) sec-Butylbenzene	11.637	105	18059	0.272	ug/l	99
81) p-Isopropyltoluene	11.788	119	13997	0.254	ug/l	98
82) 1,3-Dichlorobenzene	11.743	146	7627	0.289	ug/l	99
83) 1,4-Dichlorobenzene	11.836	146	8186	0.311	ug/l	97
84) n-Butylbenzene	12.206	91	12592	0.247	ug/l	98
85) 1,2-Dichlorobenzene	12.206	146	7461	0.302	ug/l	97
86) 1,2-Dibromo-3-Chloropr...	13.000	75	493	0.293	ug/l #	75
87) 1,2,4-Trichlorobenzene	13.843	180	3557	0.252	ug/l	95
88) Hexachlorobutadiene	14.010	225	2120	0.266	ug/l	97
89) Naphthalene	14.100	128	7429	0.298	ug/l #	87
90) 1,2,3-Trichlorobenzene	14.328	180	3545	0.279	ug/l	97

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



#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.110 min Scan# 1499
Delta R.T. -0.000 min
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ClientSampleId :
LOD-MDL-WATER-01-QT4-2024

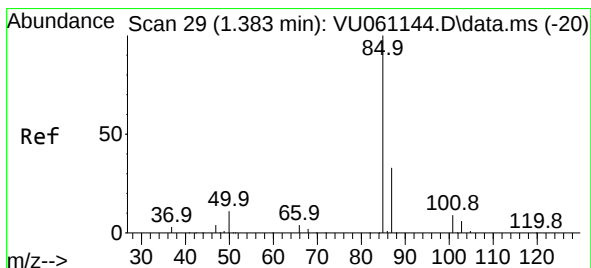
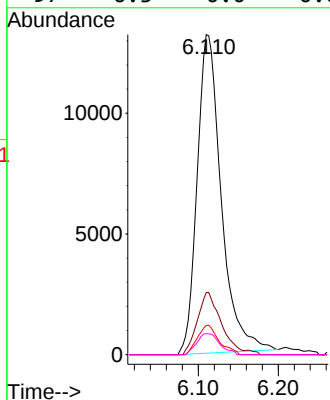
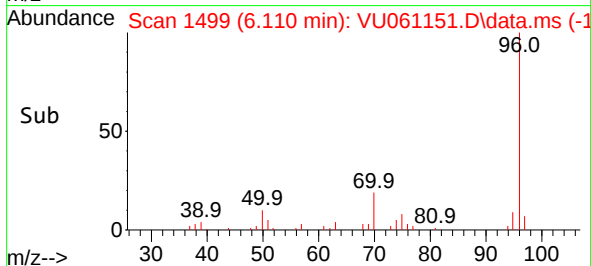


Tgt Ion: 96 Resp: 27739

Ion	Ratio	Lower	Upper
96	100		
70	17.8	16.1	24.1
95	8.3	0.0	0.0
97	6.3	0.0	0.0

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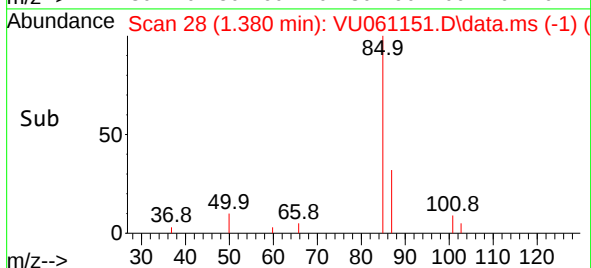
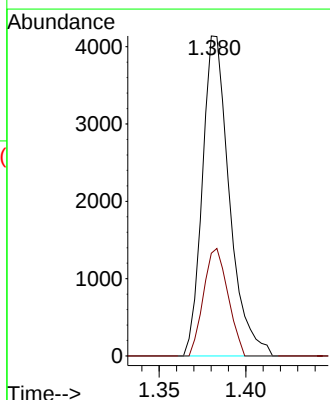
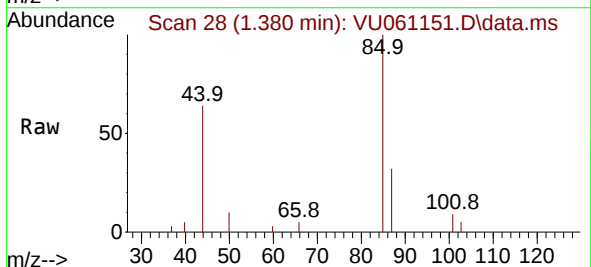
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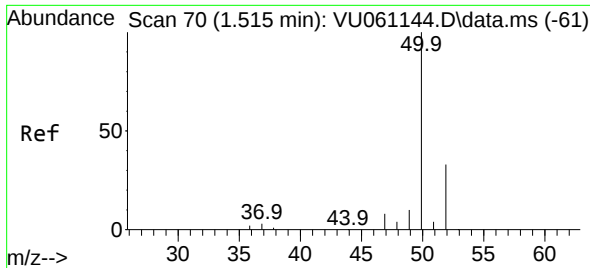


#2
Dichlorodifluoromethane
Concen: 0.294 ug/l
RT: 1.380 min Scan# 28
Delta R.T. -0.003 min
Lab File: VU061151.D
Acq: 17 Oct 2024 19:07

Tgt Ion: 85 Resp: 4494

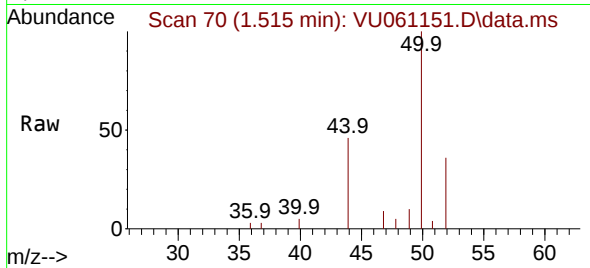
Ion	Ratio	Lower	Upper
85	100		
87	32.1	16.3	48.9





#3
Chloromethane
Concen: 0.342 ug/l
RT: 1.515 min Scan# 70
Delta R.T. -0.000 min
Lab File: VU061151.D
Acq: 17 Oct 2024 19:07

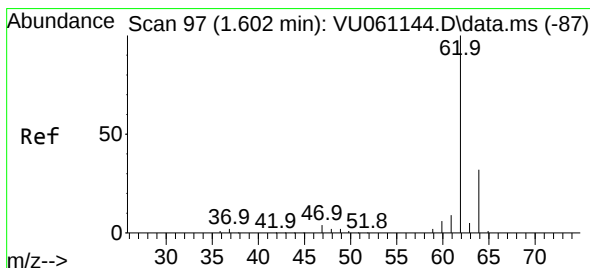
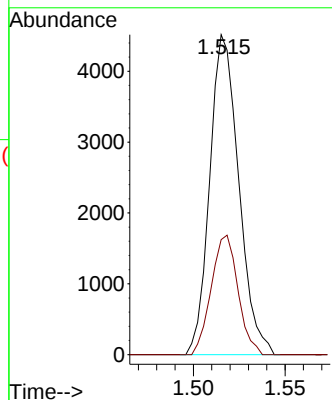
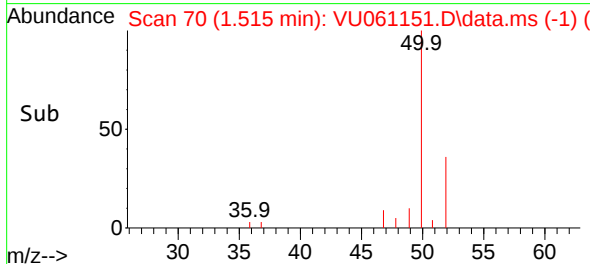
Instrument : MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



Tgt Ion: 50 Resp: 4968
Ion Ratio Lower Upper
50 100
52 35.9 26.2 39.2

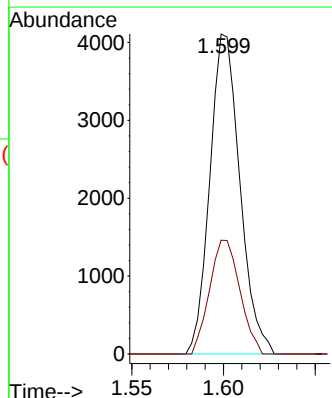
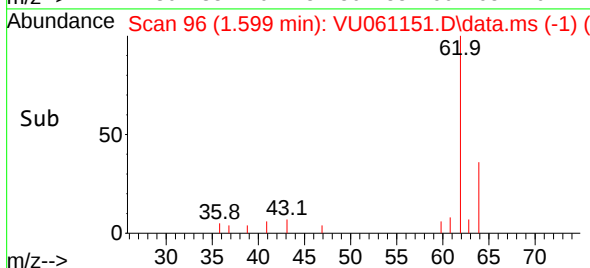
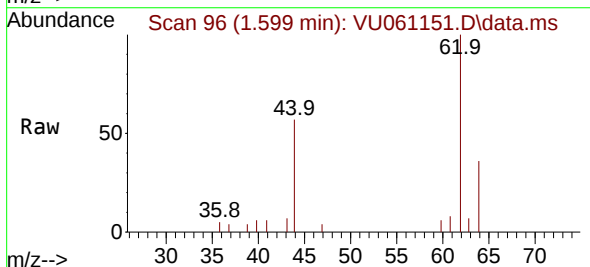
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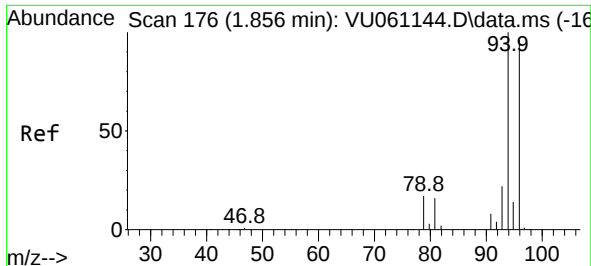
Reviewed By :Semsettin Yesilyurt 10/21/2024
Supervised By :Mahesh Dadoda 10/21/2024



#4
Vinyl Chloride
Concen: 0.313 ug/l
RT: 1.599 min Scan# 96
Delta R.T. -0.003 min
Lab File: VU061151.D
Acq: 17 Oct 2024 19:07

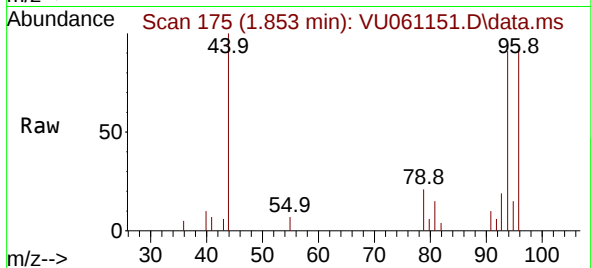
Tgt Ion: 62 Resp: 4678
Ion Ratio Lower Upper
62 100
64 35.6 25.9 38.9





#5
Bromomethane
Concen: 0.297 ug/l
RT: 1.853 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU061151.D
Acq: 17 Oct 2024 19:07

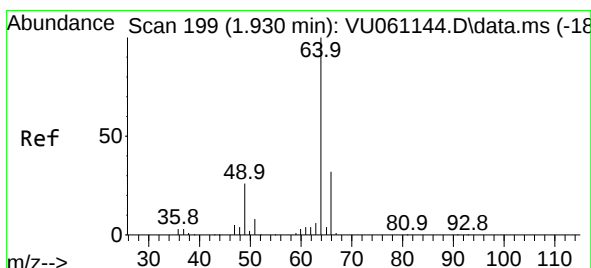
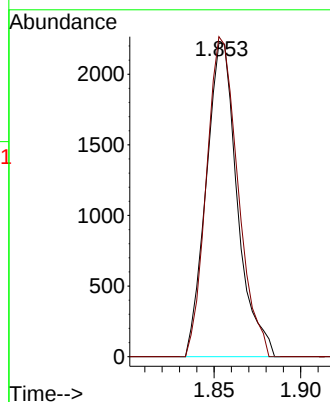
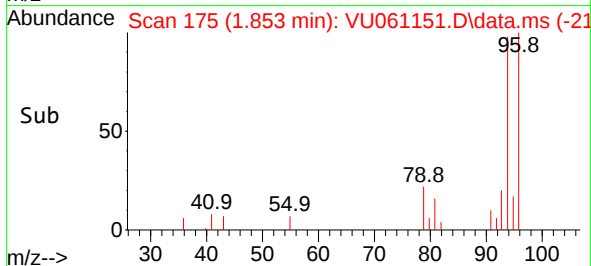
Instrument :
MSVOA_U
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LOD-MDL-WATER-01-QT4-2024



Tgt Ion: 94 Resp: 278
Ion Ratio Lower Upper
94 100
96 102.0 76.5 114.7

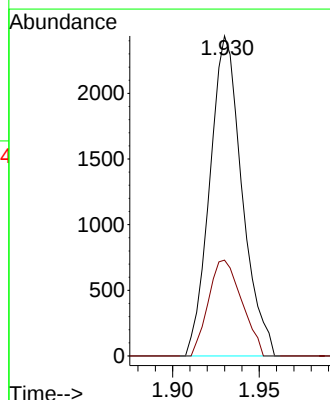
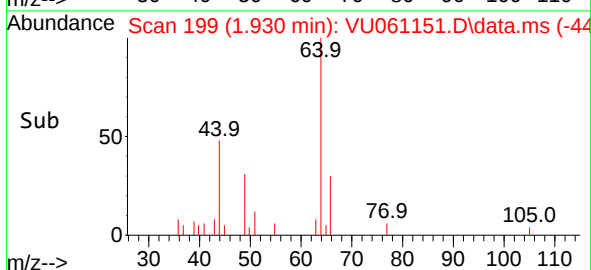
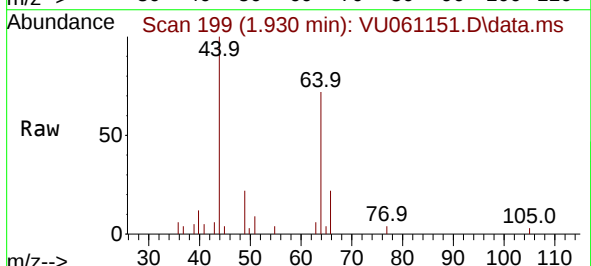
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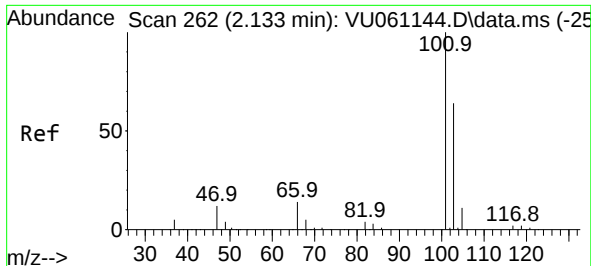
Reviewed By :Semsettin Yesilyurt 10/21/2024
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#6
Chloroethane
Concen: 0.315 ug/l
RT: 1.930 min Scan# 199
Delta R.T. -0.000 min
Lab File: VU061151.D
Acq: 17 Oct 2024 19:07

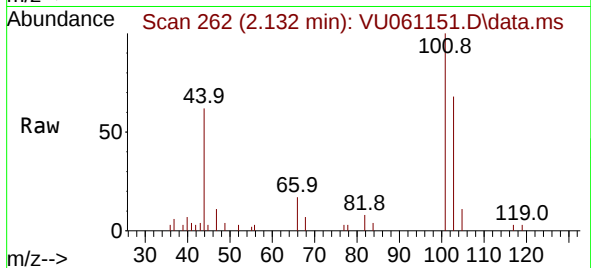
Tgt Ion: 64 Resp: 3152
Ion Ratio Lower Upper
64 100
66 30.0 25.8 38.8





#7
 Trichlorofluoromethane
 Concen: 0.302 ug/l
 RT: 2.132 min Scan# 201
 Delta R.T. -0.000 min
 Lab File: VU061151.D
 Acq: 17 Oct 2024 19:07

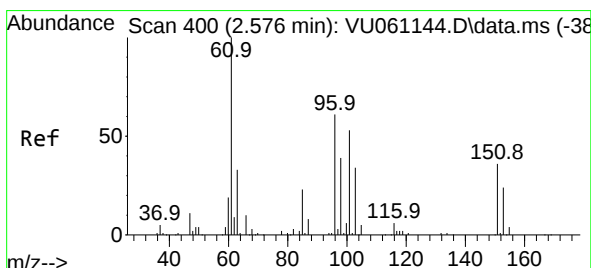
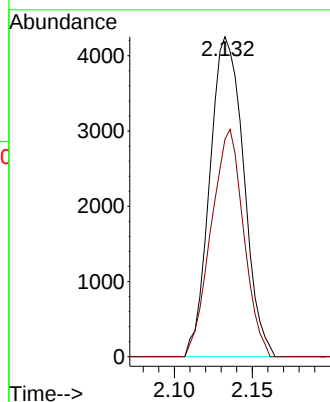
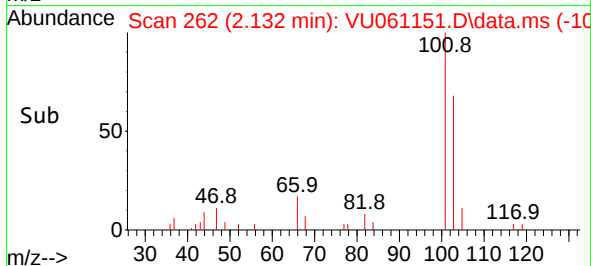
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Tgt Ion:101 Resp: 641
 Ion Ratio Lower Upper
 101 100
 103 68.0 51.5 77.3

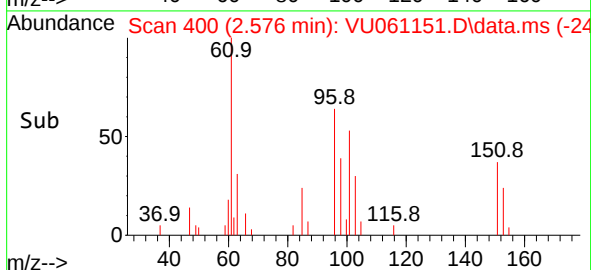
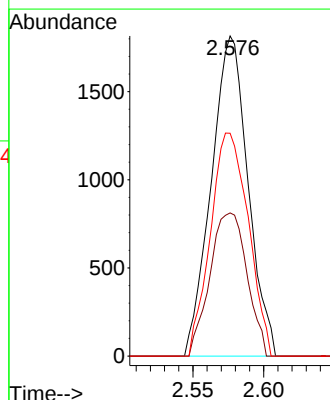
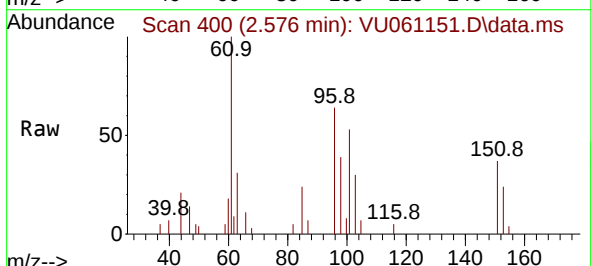
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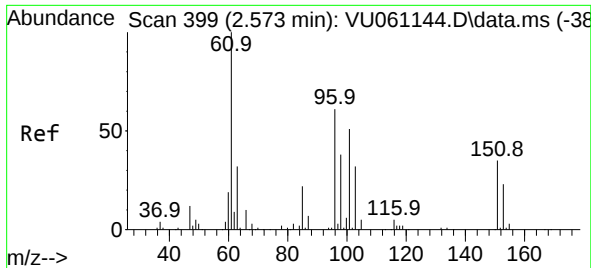
Reviewed By :Semsettin Yesilyurt 10/21/2024
 Supervised By :Mahesh Dadoda 10/21/2024



#8
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.310 ug/l
 RT: 2.576 min Scan# 400
 Delta R.T. -0.000 min
 Lab File: VU061151.D
 Acq: 17 Oct 2024 19:07

Tgt Ion:101 Resp: 3274
 Ion Ratio Lower Upper
 101 100
 85 45.3 35.8 53.8
 151 71.8 56.2 84.4





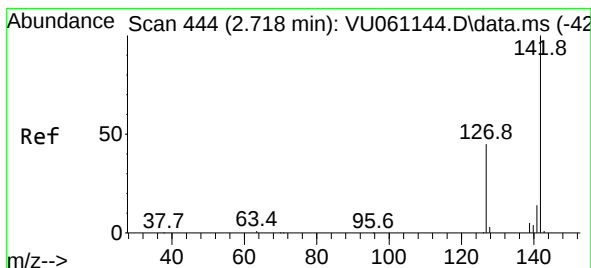
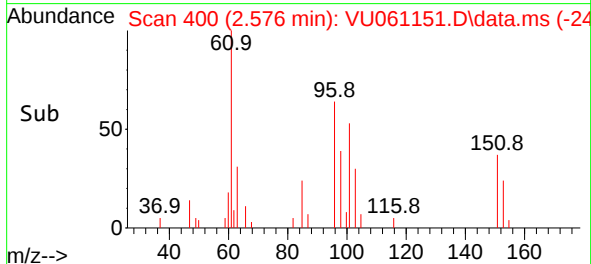
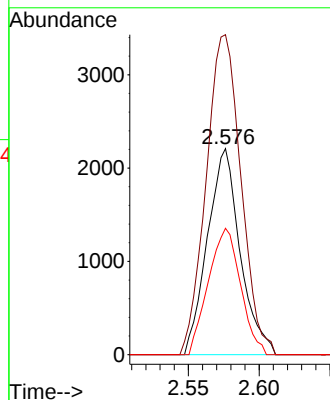
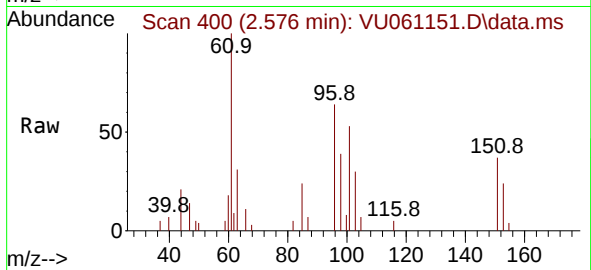
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1,1-Dichloroethene
Concen: 0.322 ug/l
RT: 2.576 min Scan# 400
Delta R.T. 0.003 min
Lab File: VU061151.D
Acq: 17 Oct 2024 19:07

Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024

Tgt Ion: 96 Resp: 3549
Ion Ratio Lower Upper
96 100
61 155.3 0.0 494.4
98 61.3 0.0 124.4

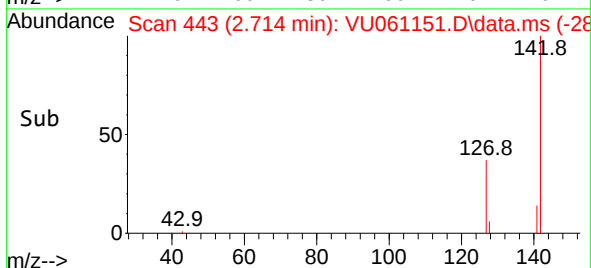
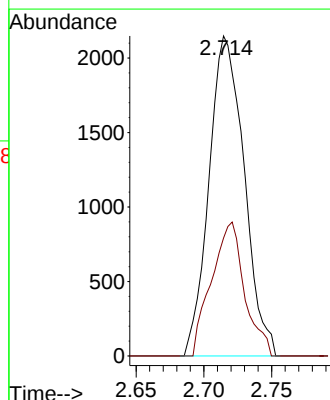
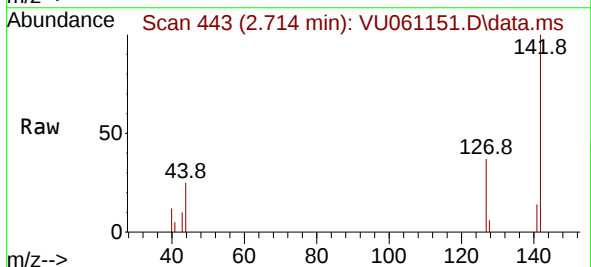
Manual Integrations
APPROVED

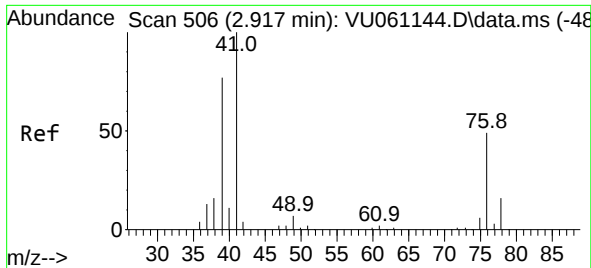
Reviewed By :Semsettin Yesilyurt 10/21/2024
Supervised By :Mahesh Dadoda 10/21/2024



#10
Iodomethane
Concen: 0.295 ug/l
RT: 2.714 min Scan# 443
Delta R.T. -0.003 min
Lab File: VU061151.D
Acq: 17 Oct 2024 19:07

Tgt Ion:142 Resp: 3870
Ion Ratio Lower Upper
142 100
127 39.4 36.2 54.4





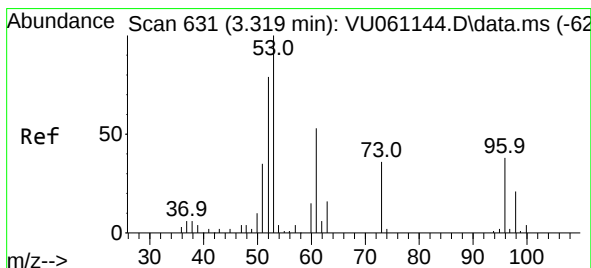
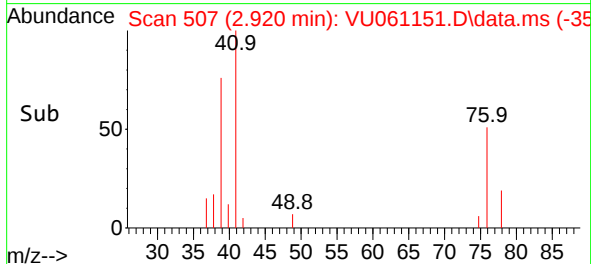
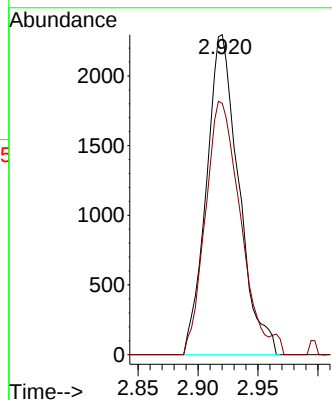
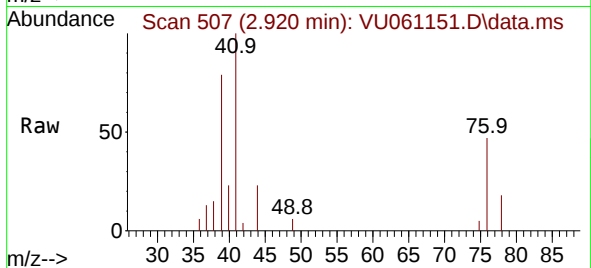
#11
 Allyl Chloride
 Concen: 0.303 ug/l
 RT: 2.920 min Scan# 506
 Delta R.T. 0.003 min
 Lab File: VU061151.D
 Acq: 17 Oct 2024 19:07

Instrument :
 MSVOA_U
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2024

Tgt Ion: 41 Resp: 4300
 Ion Ratio Lower Upper
 41 100
 39 84.7 62.4 93.6

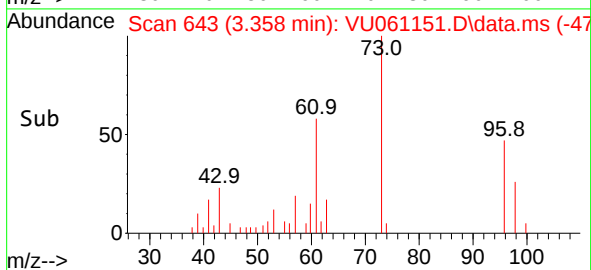
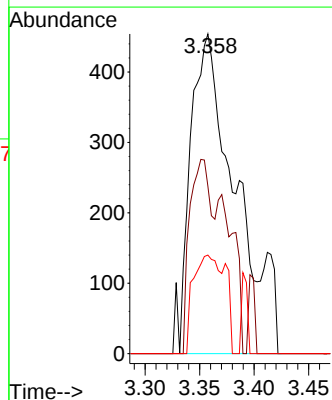
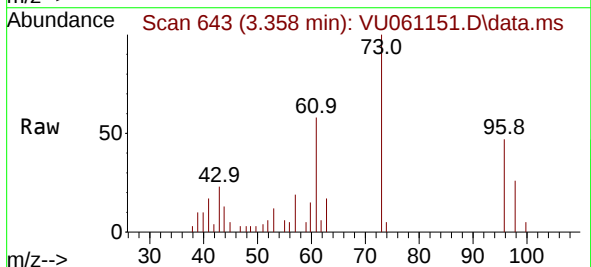
Manual Integrations
 APPROVED

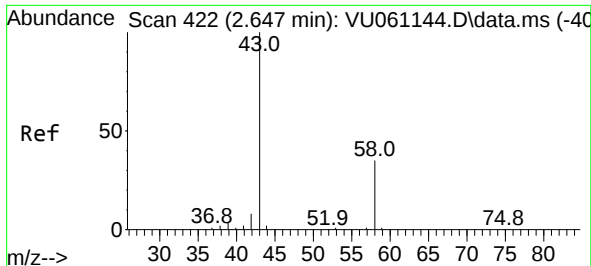
Reviewed By :Semsettin Yesilyurt 10/21/2024
 Supervised By :Mahesh Dadoda 10/21/2024



#12
 Acrylonitrile
 Concen: 0.586 ug/l m
 RT: 3.358 min Scan# 643
 Delta R.T. 0.038 min
 Lab File: VU061151.D
 Acq: 17 Oct 2024 19:07

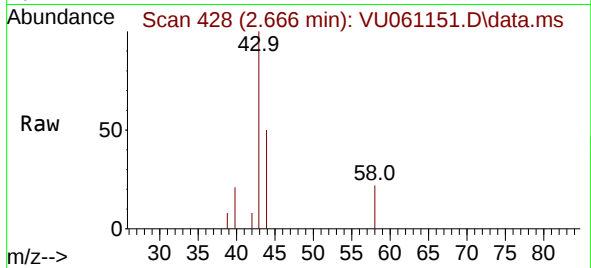
Tgt Ion: 53 Resp: 1297
 Ion Ratio Lower Upper
 53 100
 52 30.4 62.6 94.0#
 51 21.9 30.7 46.1#





#13
Acetone
Concen: 1.393 ug/l
RT: 2.666 min Scan# 41
Delta R.T. 0.019 min
Lab File: VU061151.D
Acq: 17 Oct 2024 19:07

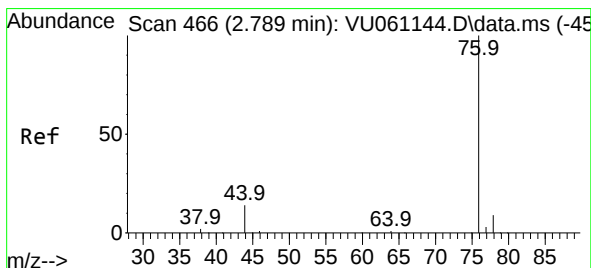
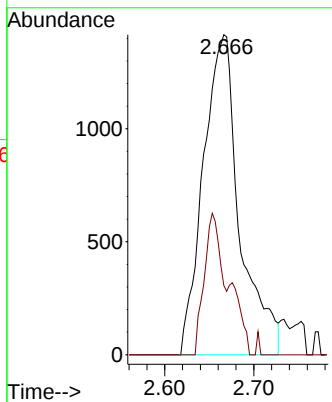
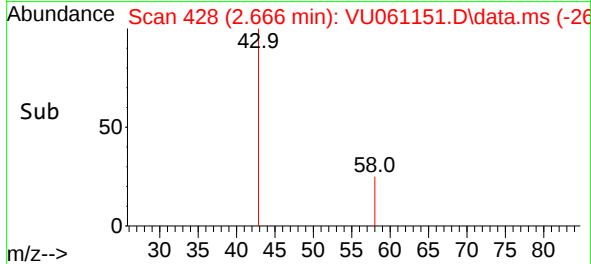
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



Tgt Ion: 43 Resp: 402
Ion Ratio Lower Upper
43 100
58 21.7 27.9 41.9

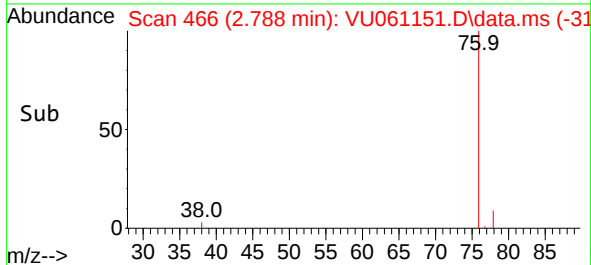
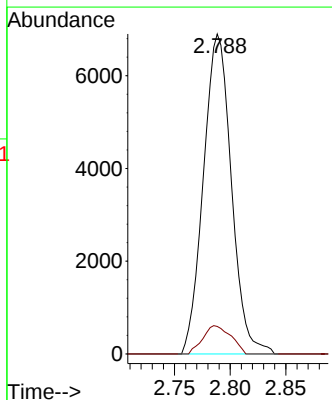
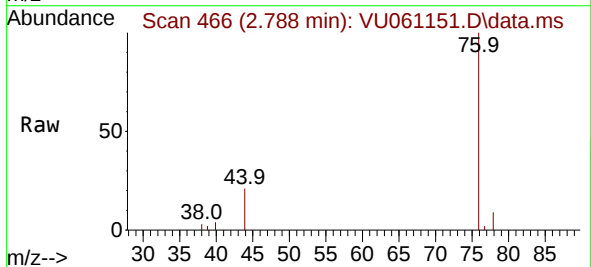
Manual Integrations
APPROVED

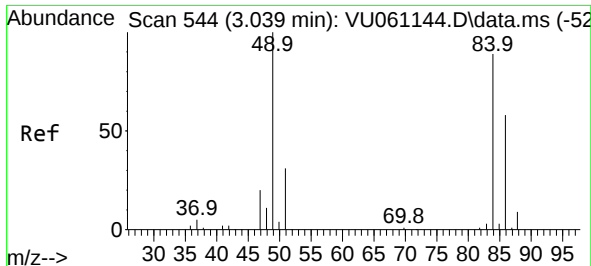
Reviewed By :Semsettin Yesilyurt 10/21/2024
Supervised By :Mahesh Dadoda 10/21/2024



#14
Carbon Disulfide
Concen: 0.318 ug/l
RT: 2.788 min Scan# 466
Delta R.T. -0.000 min
Lab File: VU061151.D
Acq: 17 Oct 2024 19:07

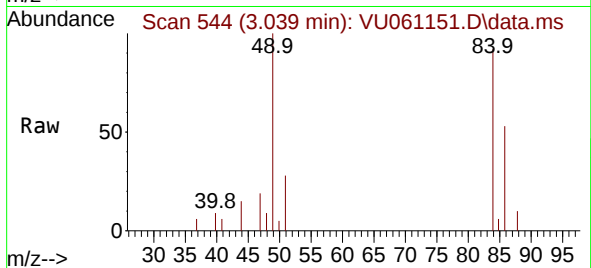
Tgt Ion: 76 Resp: 12062
Ion Ratio Lower Upper
76 100
78 8.4 7.4 11.0





#15
Methylene Chloride
Concen: 0.369 ug/l
RT: 3.039 min Scan# 544
Delta R.T. -0.000 min
Lab File: VU061151.D
Acq: 17 Oct 2024 19:07

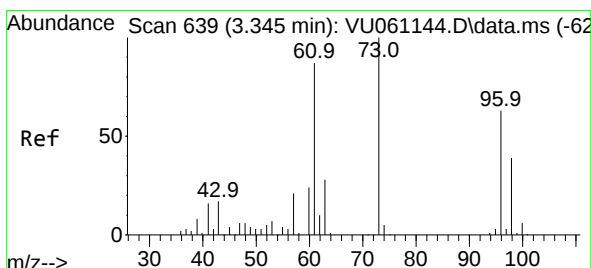
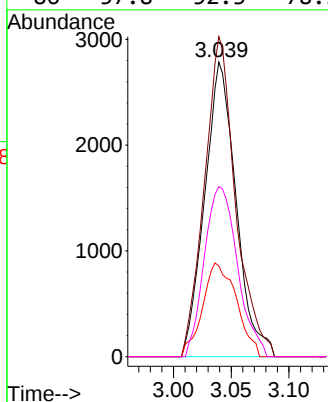
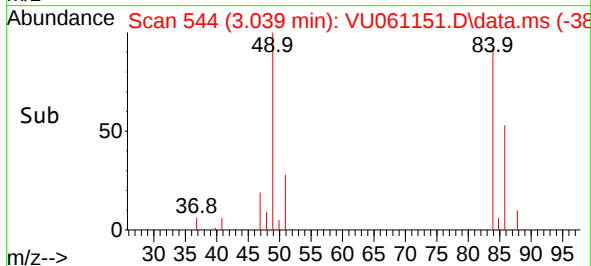
Instrument : MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



Tgt Ion: 84 Resp: 5258
Ion Ratio Lower Upper
84 100
49 108.7 90.4 135.6
51 30.8 0.0 70.6
86 57.8 52.3 78.5

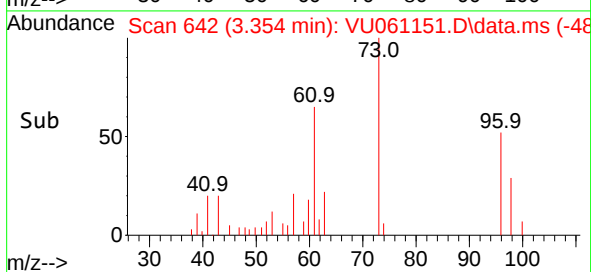
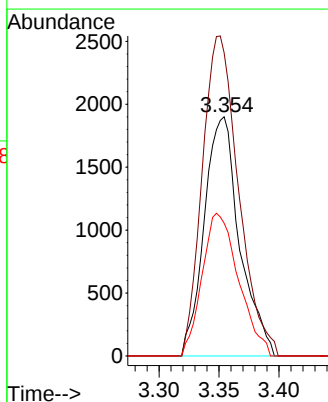
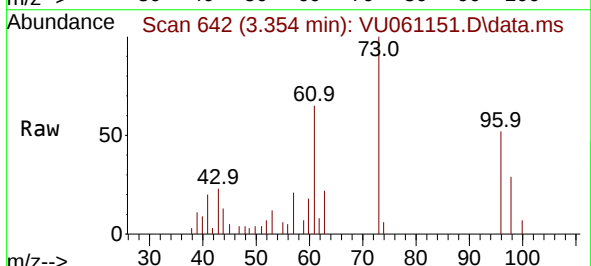
Manual Integrations
APPROVED

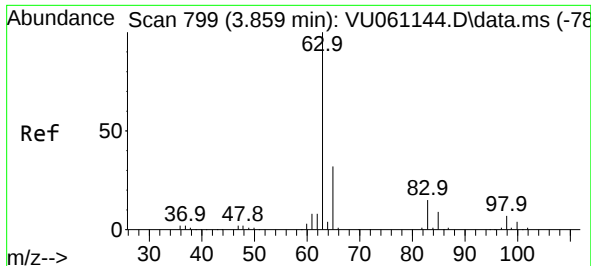
Reviewed By :Semsettin Yesilyurt 10/21/2024
Supervised By :Mahesh Dadoda 10/21/2024



#16
trans-1,2-Dichloroethene
Concen: 0.301 ug/l
RT: 3.354 min Scan# 642
Delta R.T. 0.010 min
Lab File: VU061151.D
Acq: 17 Oct 2024 19:07

Tgt Ion: 96 Resp: 3890
Ion Ratio Lower Upper
96 100
61 126.7 110.6 166.0
98 55.5 49.8 74.8





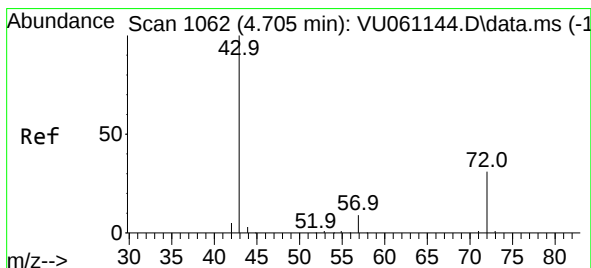
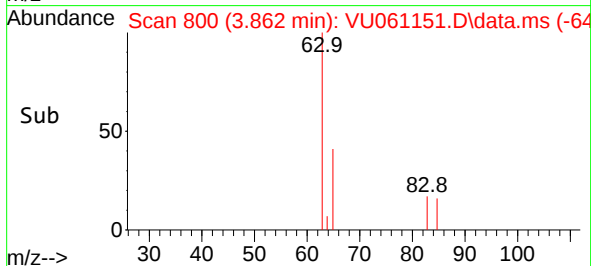
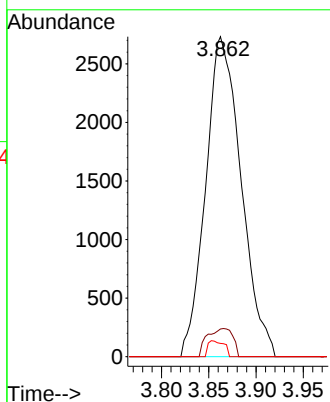
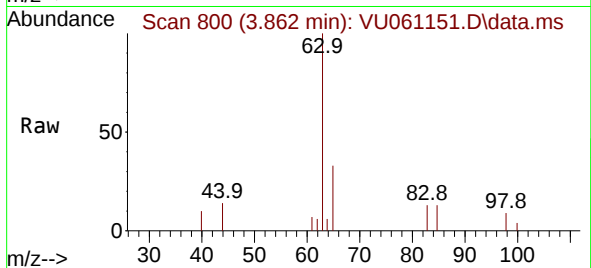
#17
1,1-Dichloroethane
Concen: 0.311 ug/l
RT: 3.862 min Scan# 801
Delta R.T. 0.003 min
Lab File: VU061151.D
Acq: 17 Oct 2024 19:07

Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024

Tgt Ion: 63 Resp: 7114
Ion Ratio Lower Upper
63 100
98 8.7 3.3 9.8
100 4.2 2.1 6.5

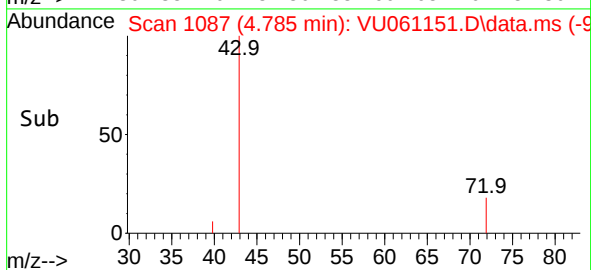
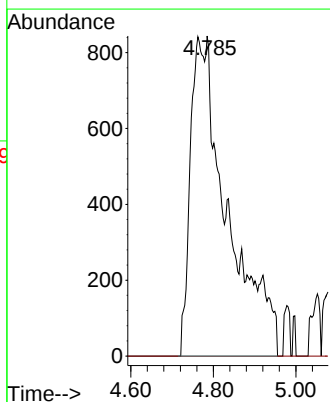
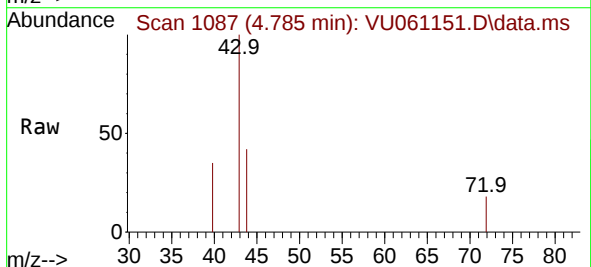
Manual Integrations
APPROVED

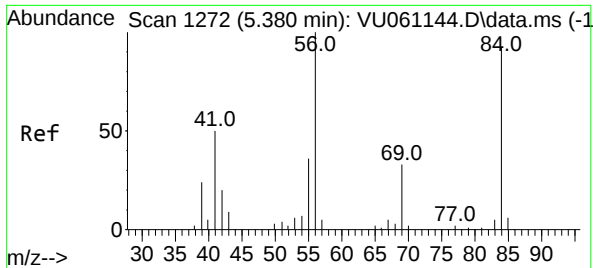
Reviewed By :Semsettin Yesilyurt 10/21/2024
Supervised By :Mahesh Dadoda 10/21/2024



#18
2-Butanone
Concen: 1.478 ug/l m
RT: 4.785 min Scan# 1087
Delta R.T. 0.080 min
Lab File: VU061151.D
Acq: 17 Oct 2024 19:07

Tgt Ion: 43 Resp: 5223
Ion Ratio Lower Upper
43 100
57 0.0 0.0 19.0





#19

Cyclohexane

Concen: 0.304 ug/l m

RT: 5.380 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU061151.D

Acq: 17 Oct 2024 19:07

Instrument :

MSVOA_U

ClientSampleId :

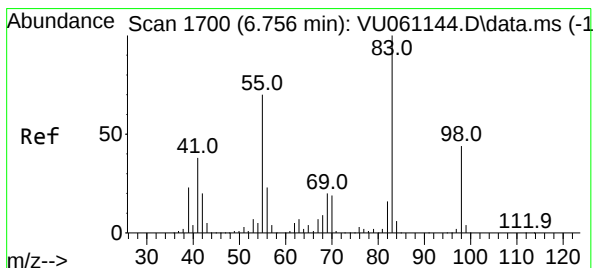
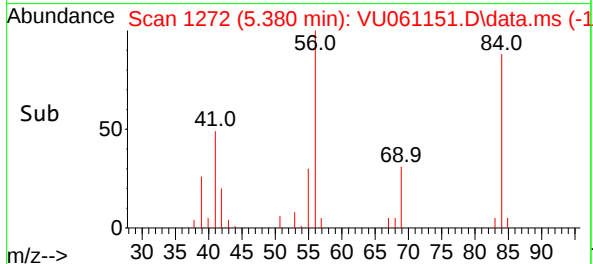
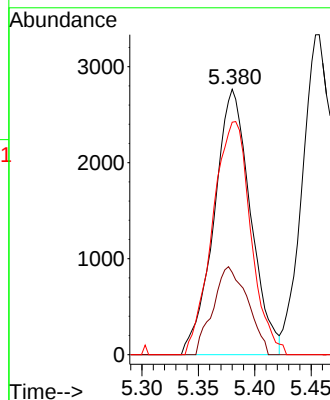
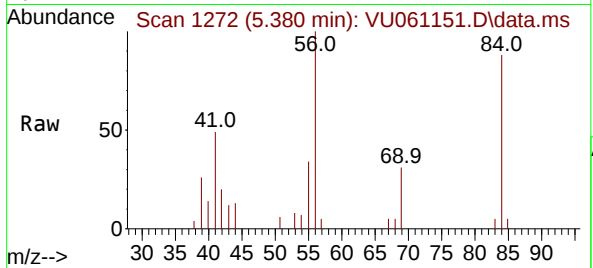
LOD-MDL-WATER-01-QT4-2024

Tgt Ion:	56	Resp:	622
Ion Ratio	Lower	Upper	
56	100		
69	31.3	26.2	39.4
84	91.8	72.7	109.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/21/2024
Supervised By :Mahesh Dadoda 10/21/2024



#20

Methylcyclohexane

Concen: 0.272 ug/l

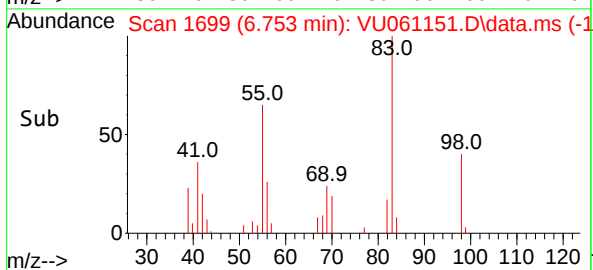
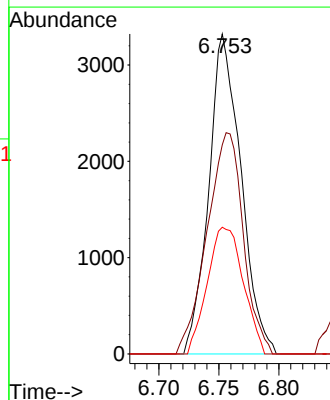
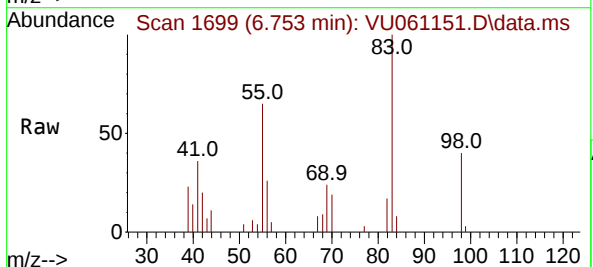
RT: 6.753 min Scan# 1699

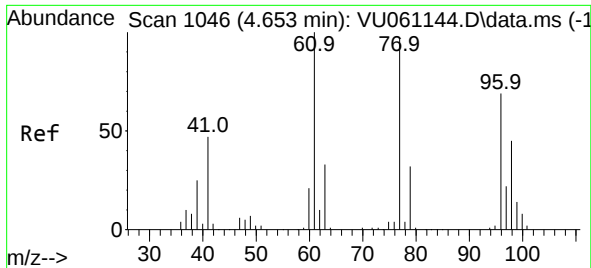
Delta R.T. -0.003 min

Lab File: VU061151.D

Acq: 17 Oct 2024 19:07

Tgt Ion:	83	Resp:	6213
Ion Ratio	Lower	Upper	
83	100		
55	77.6	55.5	83.3
98	44.0	35.8	53.6





#21

2,2-Dichloropropane

Concen: 0.301 ug/l

RT: 4.657 min Scan# 1046

Delta R.T. 0.003 min

Lab File: VU061151.D

Acq: 17 Oct 2024 19:07

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT4-2024

Tgt Ion: 77 Resp: 634

Ion Ratio Lower Upper

77 100

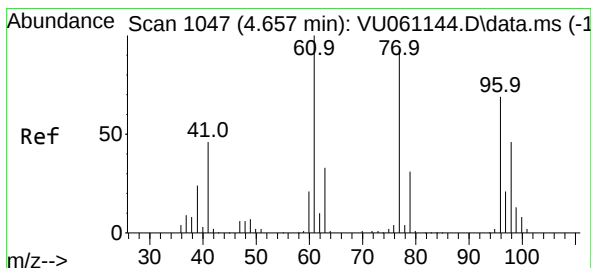
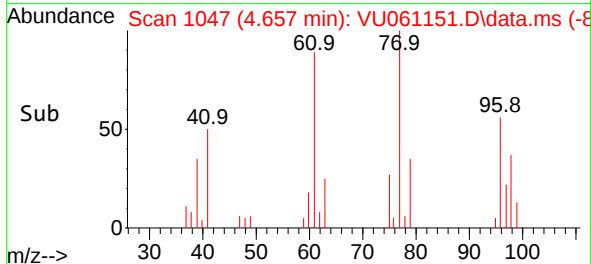
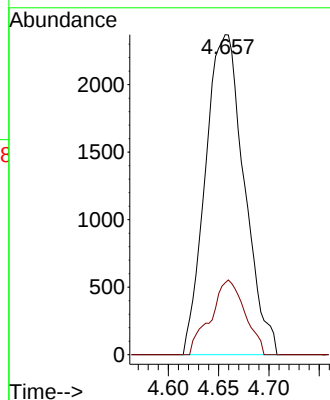
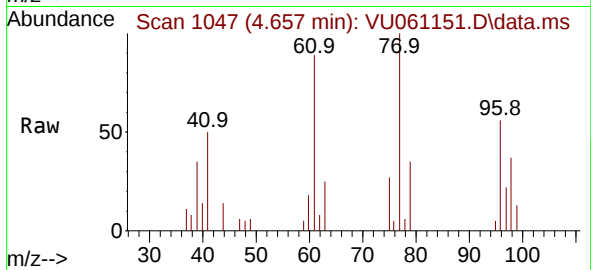
97 20.7 18.3 27.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/21/2024

Supervised By :Mahesh Dadoda 10/21/2024



#22

cis-1,2-Dichloroethene

Concen: 0.312 ug/l

RT: 4.669 min Scan# 1051

Delta R.T. 0.013 min

Lab File: VU061151.D

Acq: 17 Oct 2024 19:07

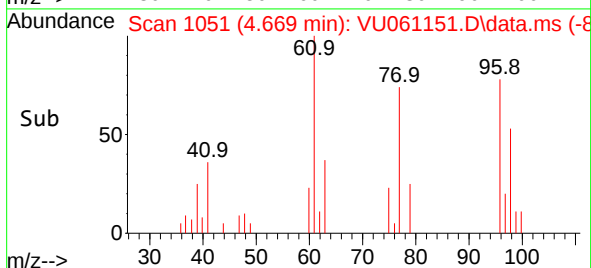
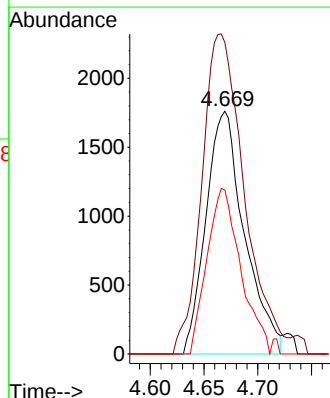
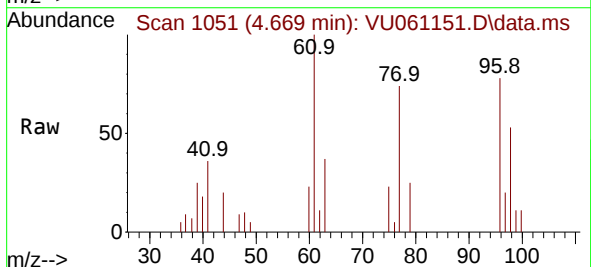
Tgt Ion: 96 Resp: 4393

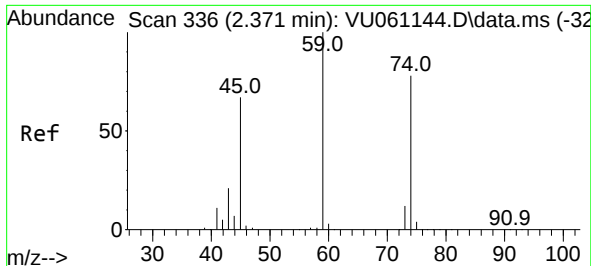
Ion Ratio Lower Upper

96 100

61 145.0 0.0 364.8

98 59.7 32.1 96.3





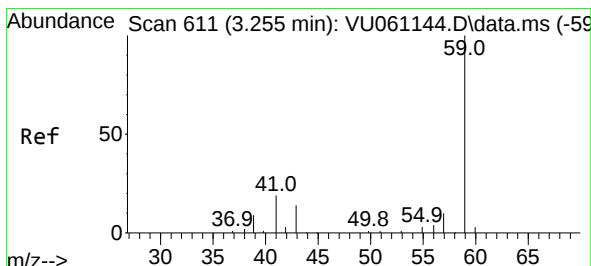
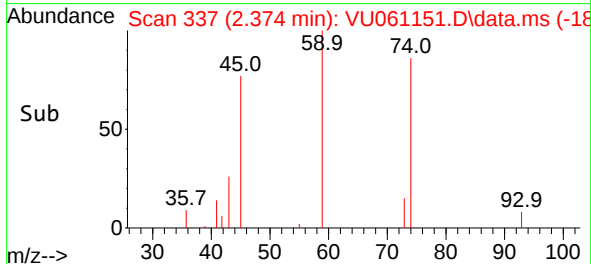
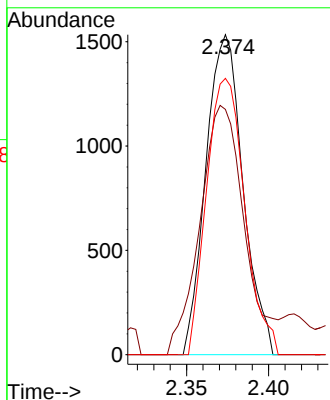
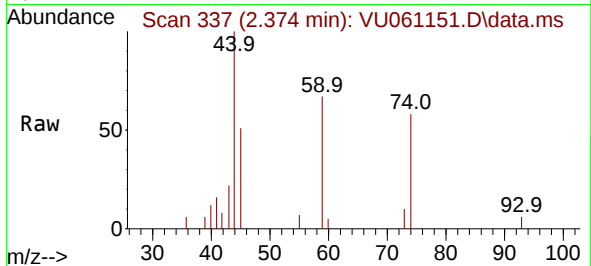
#23
Diethyl Ether
Concen: 0.282 ug/l
RT: 2.374 min Scan# 311
Delta R.T. 0.003 min
Lab File: VU061151.D
Acq: 17 Oct 2024 19:07

Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024

Tgt Ion: 59 Resp: 241
Ion Ratio Lower Upper
59 100
45 93.8 52.0 78.0
74 88.6 62.2 93.2

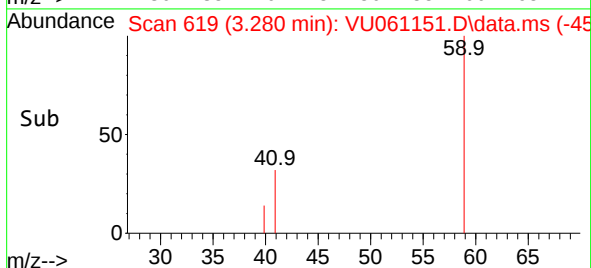
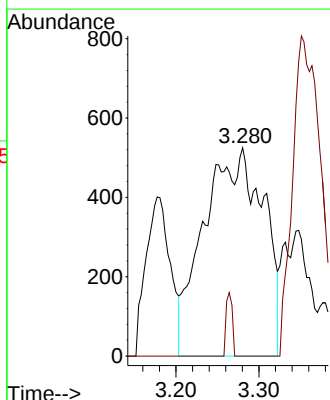
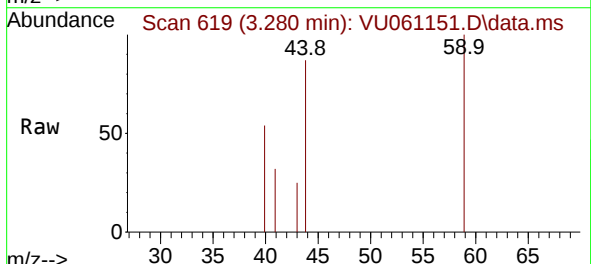
Manual Integrations
APPROVED

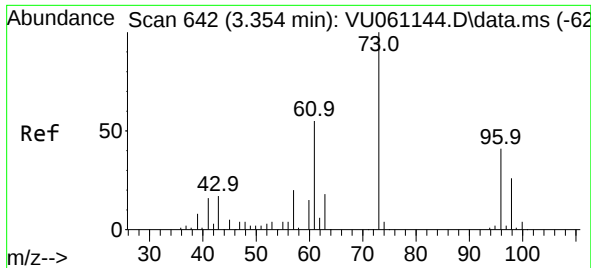
Reviewed By :Semsettin Yesilyurt 10/21/2024
Supervised By :Mahesh Dadoda 10/21/2024



#24
tert-Butyl Alcohol
Concen: 2.937 ug/l m
RT: 3.280 min Scan# 619
Delta R.T. 0.026 min
Lab File: VU061151.D
Acq: 17 Oct 2024 19:07

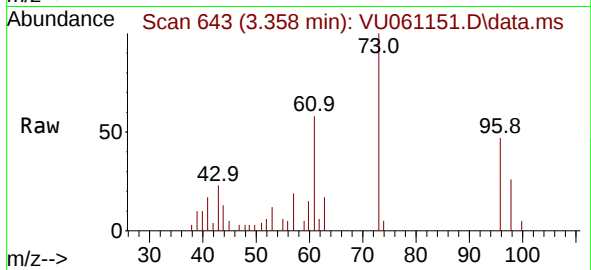
Tgt Ion: 59 Resp: 2621
Ion Ratio Lower Upper
59 100
57 3.1 3.2 4.8#





#25
Methyl tert-Butyl Ether
Concen: 0.316 ug/l
RT: 3.358 min Scan# 642
Delta R.T. 0.003 min
Lab File: VU061151.D
Acq: 17 Oct 2024 19:07

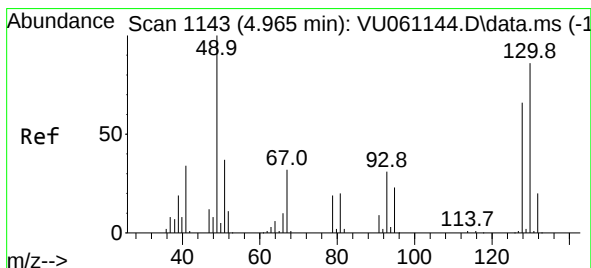
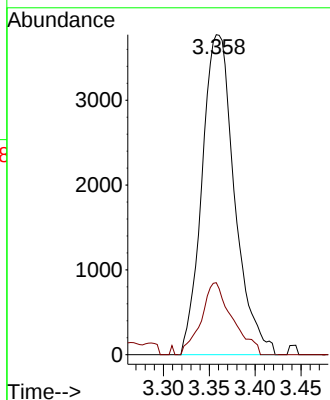
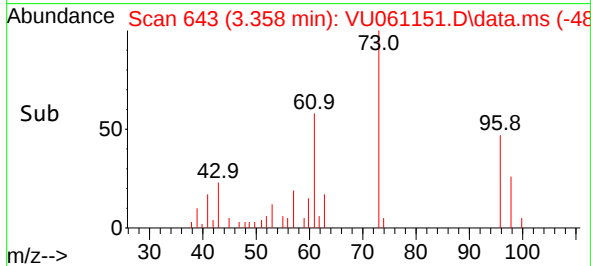
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



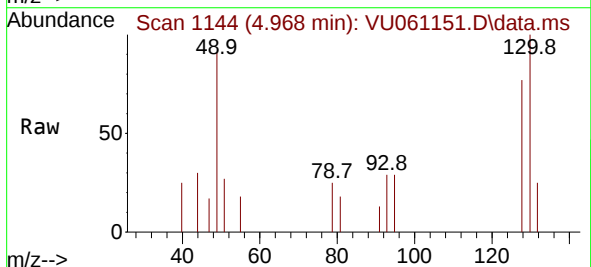
Tgt Ion: 73 Resp: 930
Ion Ratio Lower Upper
73 100
43 21.5 14.7 22.1

Manual Integrations
APPROVED

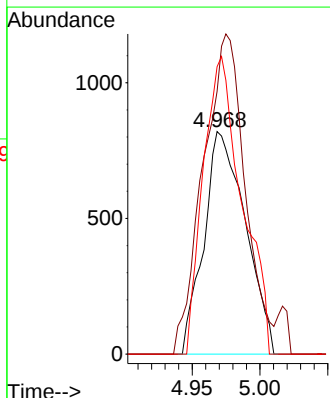
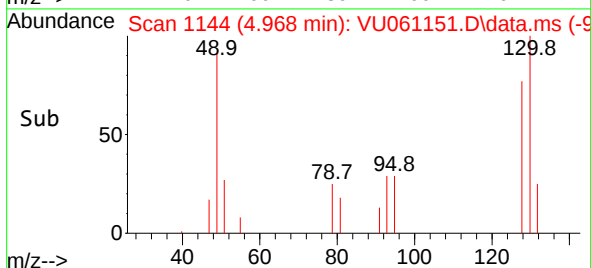
Reviewed By :Semsettin Yesilyurt 10/21/2024
Supervised By :Mahesh Dadoda 10/21/2024

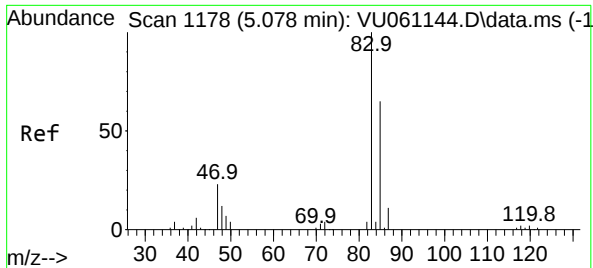


#26
Bromochloromethane
Concen: 0.297 ug/l
RT: 4.968 min Scan# 1144
Delta R.T. 0.003 min
Lab File: VU061151.D
Acq: 17 Oct 2024 19:07



Tgt Ion:128 Resp: 1746
Ion Ratio Lower Upper
128 100
49 145.3 0.0 308.8
130 124.7 105.3 157.9





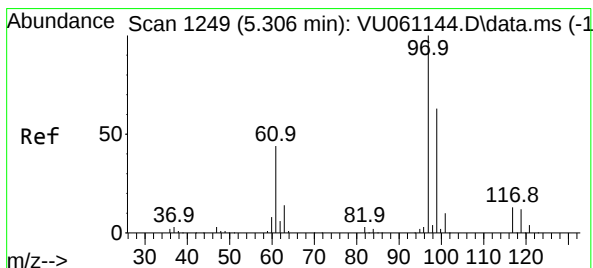
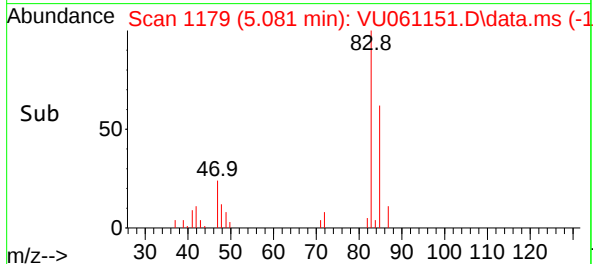
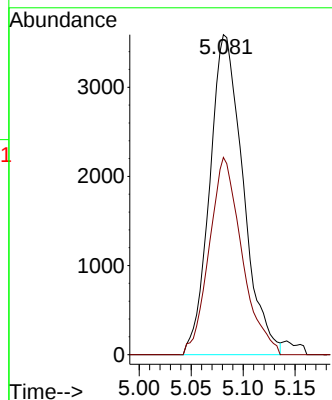
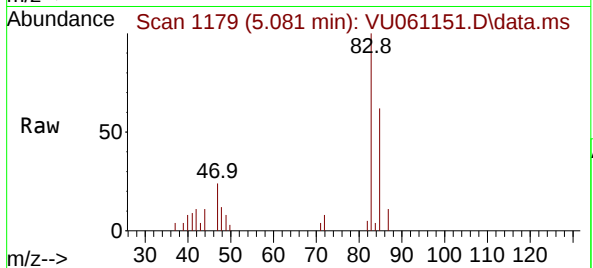
#27
Chloroform
Concen: 0.334 ug/l
RT: 5.081 min Scan# 1178
Delta R.T. 0.003 min
Lab File: VU061151.D
Acq: 17 Oct 2024 19:07

Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024

Tgt Ion: 83 Resp: 8010
Ion Ratio Lower Upper
83 100
85 61.7 0.0 129.6

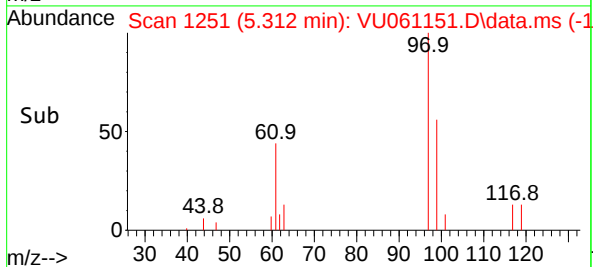
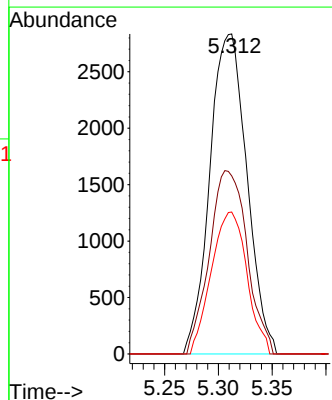
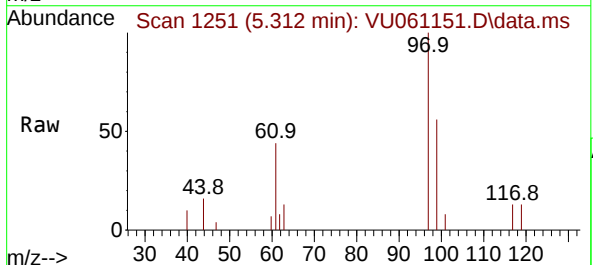
Manual Integrations
APPROVED

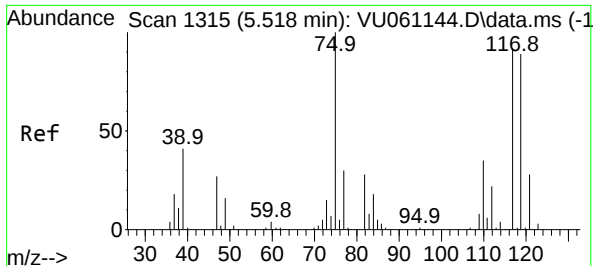
Reviewed By :Semsettin Yesilyurt 10/21/2024
Supervised By :Mahesh Dadoda 10/21/2024



#28
1,1,1-Trichloroethane
Concen: 0.321 ug/l
RT: 5.312 min Scan# 1251
Delta R.T. 0.006 min
Lab File: VU061151.D
Acq: 17 Oct 2024 19:07

Tgt Ion: 97 Resp: 6792
Ion Ratio Lower Upper
97 100
99 58.4 31.9 95.5
61 42.7 22.1 66.1





#29

1,1-Dichloropropene

Concen: 0.302 ug/l

RT: 5.525 min Scan# 110

Delta R.T. 0.006 min

Lab File: VU061151.D

Acq: 17 Oct 2024 19:07

Instrument :

MSVOA_U

ClientSampleId :

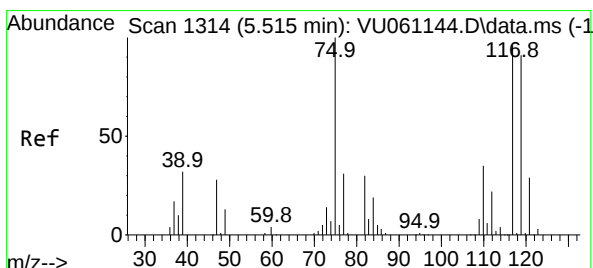
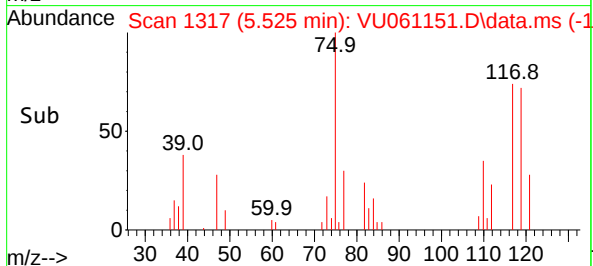
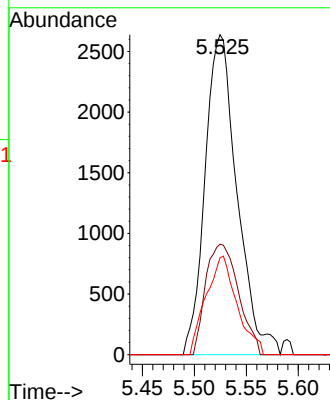
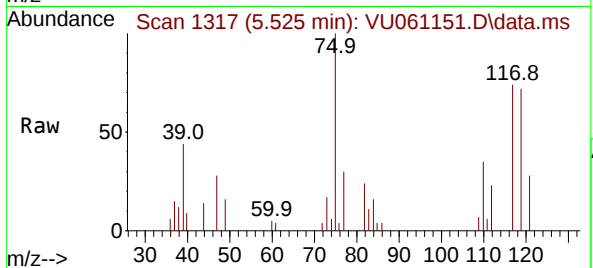
LOD-MDL-WATER-01-QT4-2024

Tgt Ion: 75	Resp: 5650
Ion Ratio	Lower Upper
75	100
110	35.4 17.8 53.3
77	29.8 24.6 37.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/21/2024
Supervised By :Mahesh Dadoda 10/21/2024



#30

Carbon Tetrachloride

Concen: 0.286 ug/l

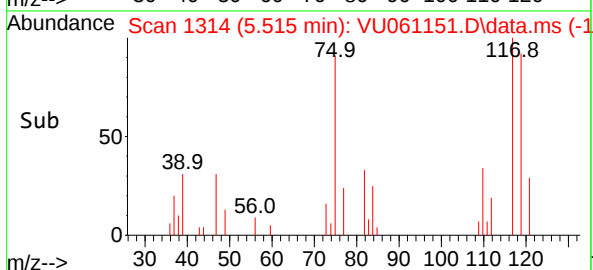
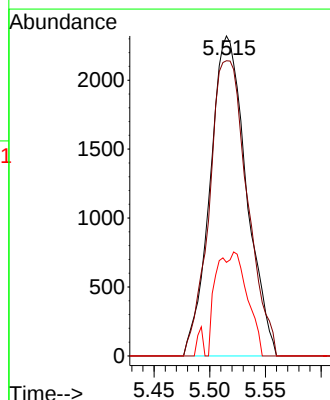
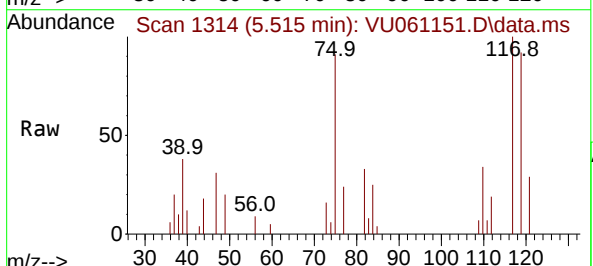
RT: 5.515 min Scan# 1314

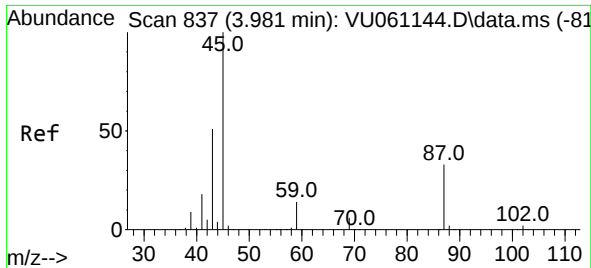
Delta R.T. -0.000 min

Lab File: VU061151.D

Acq: 17 Oct 2024 19:07

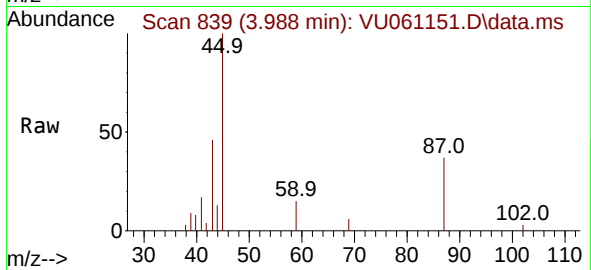
Tgt Ion: 117	Resp: 5255
Ion Ratio	Lower Upper
117	100
119	92.2 76.4 114.6
121	29.3 24.1 36.1





#31
Isopropyl Ether
Concen: 0.305 ug/l
RT: 3.988 min Scan# 811
Delta R.T. 0.006 min
Lab File: VU061151.D
Acq: 17 Oct 2024 19:07

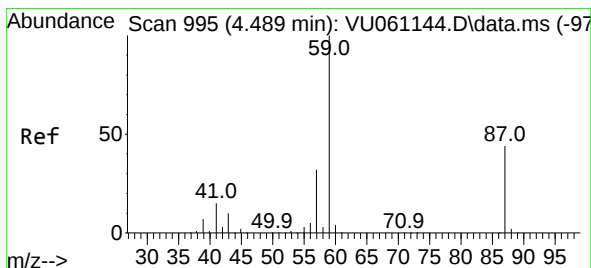
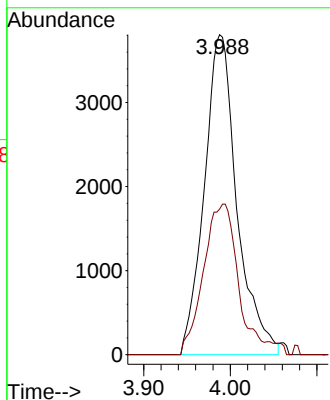
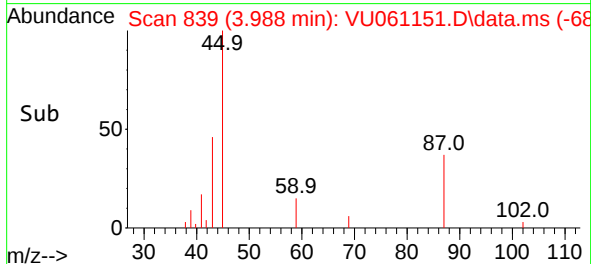
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



Tgt Ion: 45 Resp: 996
Ion Ratio Lower Upper
45 100
43 51.2 25.7 77.0

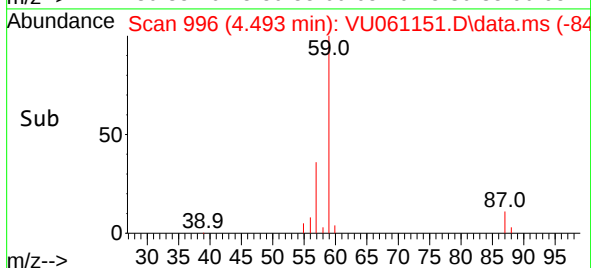
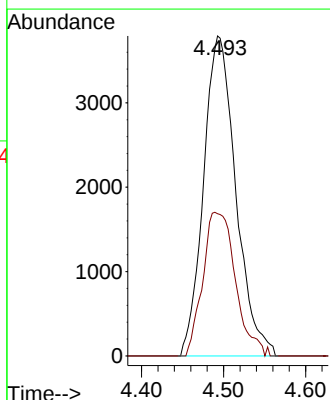
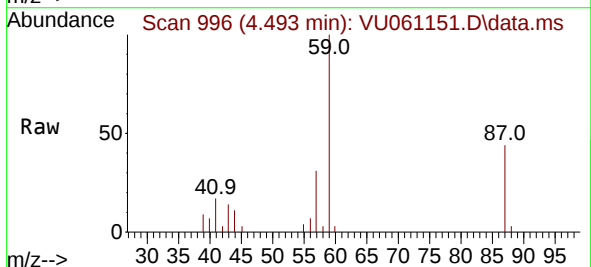
Manual Integrations
APPROVED

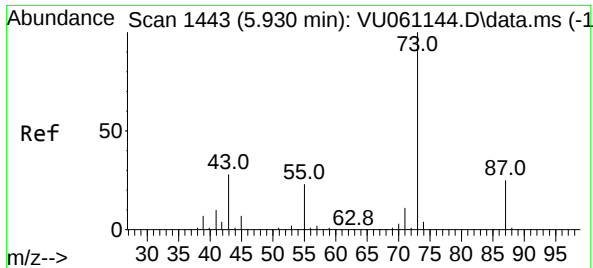
Reviewed By :Semsettin Yesilyurt 10/21/2024
Supervised By :Mahesh Dadoda 10/21/2024



#32
Ethyl-t-butyl ether
Concen: 0.309 ug/l
RT: 4.493 min Scan# 996
Delta R.T. 0.003 min
Lab File: VU061151.D
Acq: 17 Oct 2024 19:07

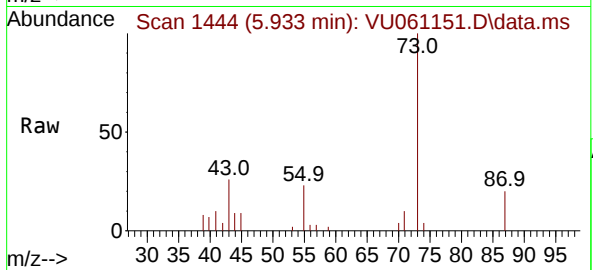
Tgt Ion: 59 Resp: 10377
Ion Ratio Lower Upper
59 100
87 45.4 34.7 52.1





#33
Tert-Amyl methyl ether
Concen: 0.320 ug/l
RT: 5.933 min Scan# 1443
Delta R.T. 0.003 min
Lab File: VU061151.D
Acq: 17 Oct 2024 19:07

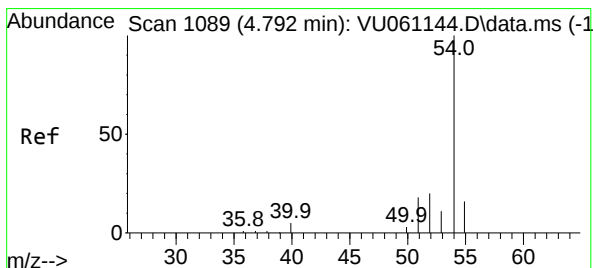
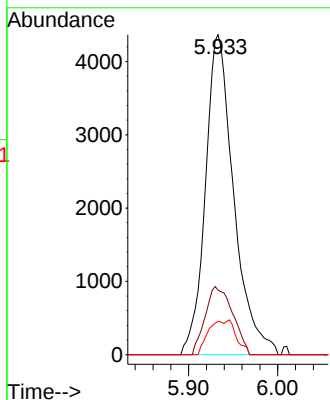
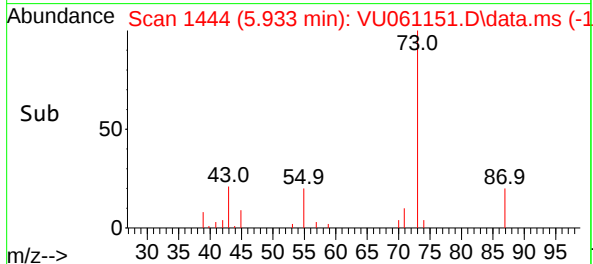
Instrument : MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



Tgt Ion: 73 Resp: 966
Ion Ratio Lower Upper
73 100
87 20.6 19.8 29.8
71 6.2 8.6 12.8

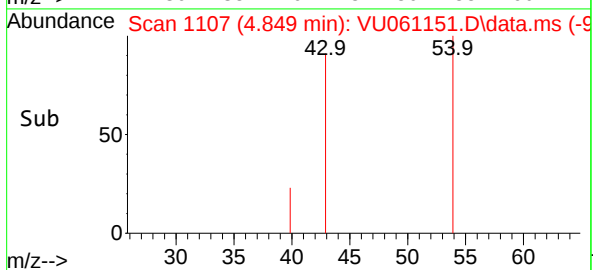
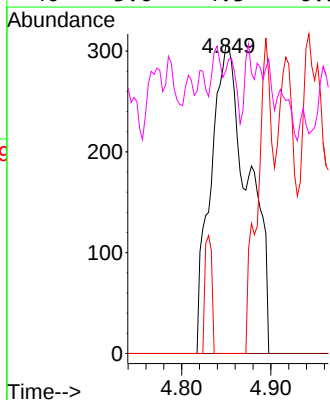
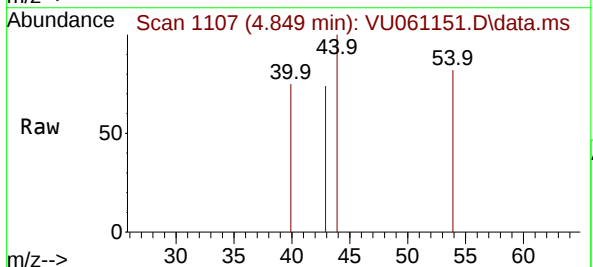
Manual Integrations
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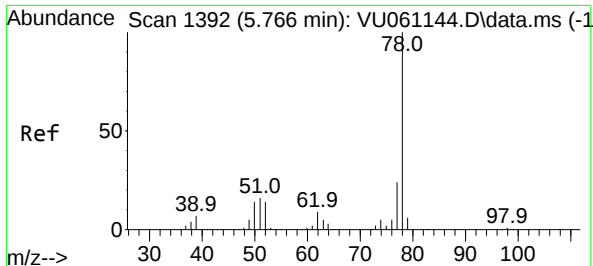
Reviewed By :Semsettin Yesilyurt 10/21/2024
Supervised By :Mahesh Dadoda 10/21/2024



#34
Propionitrile
Concen: 1.068 ug/l m
RT: 4.849 min Scan# 1107
Delta R.T. 0.058 min
Lab File: VU061151.D
Acq: 17 Oct 2024 19:07

Tgt Ion: 54 Resp: 901
Ion Ratio Lower Upper
54 100
52 0.0 15.3 22.9#
55 7.0 9.7 14.5#
40 3.6 4.3 6.5#





#35

Benzene

Concen: 0.307 ug/l

RT: 5.772 min Scan# 11

Delta R.T. 0.006 min

Lab File: VU061151.D

Acq: 17 Oct 2024 19:07

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT4-2024

Tgt Ion: 78 Resp: 1616

Ion Ratio Lower Upper

78 100

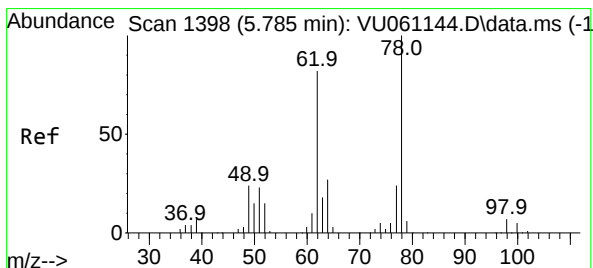
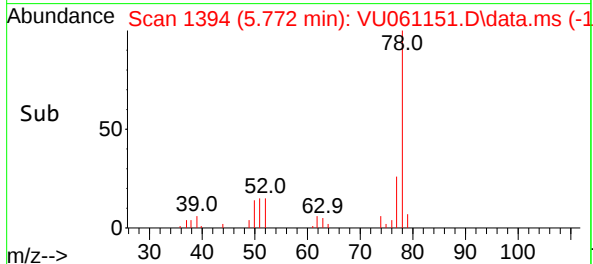
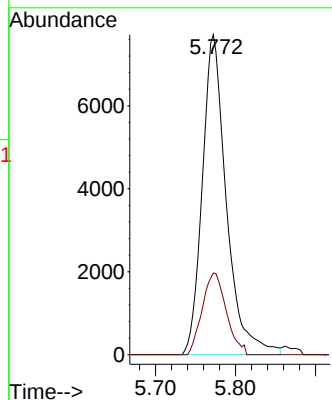
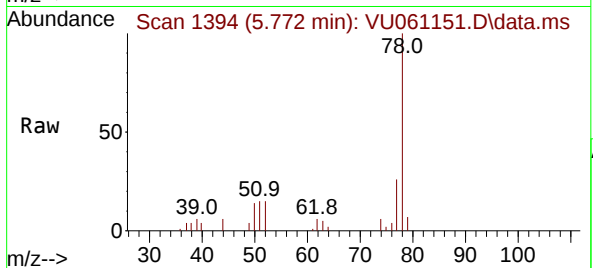
77 25.5 19.4 29.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/21/2024

Supervised By :Mahesh Dadoda 10/21/2024



#36

1,2-Dichloroethane

Concen: 0.319 ug/l

RT: 5.795 min Scan# 1401

Delta R.T. 0.010 min

Lab File: VU061151.D

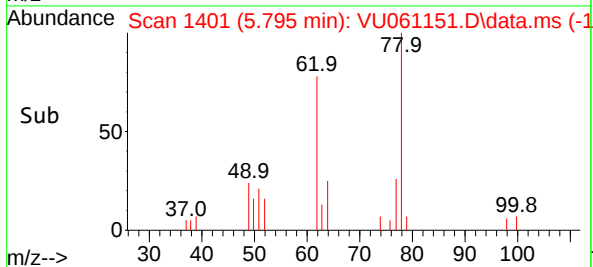
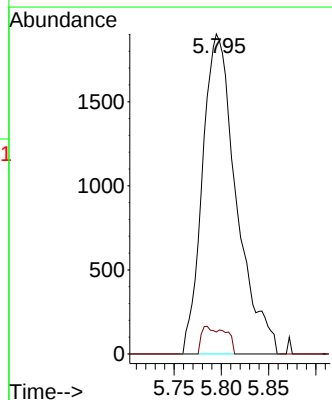
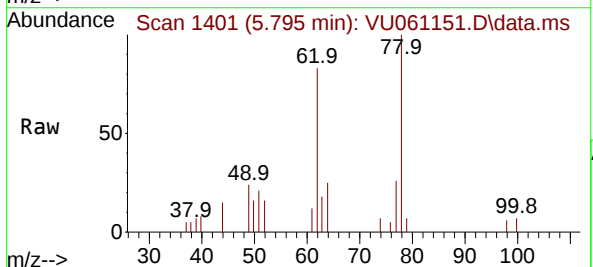
Acq: 17 Oct 2024 19:07

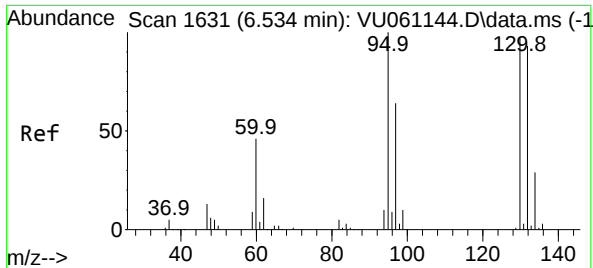
Tgt Ion: 62 Resp: 4743

Ion Ratio Lower Upper

62 100

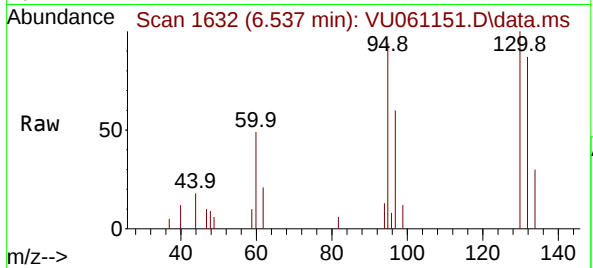
98 3.5 7.0 10.4#





#37
Trichloroethene
Concen: 0.326 ug/l
RT: 6.537 min Scan# 110
Delta R.T. 0.003 min
Lab File: VU061151.D
Acq: 17 Oct 2024 19:07

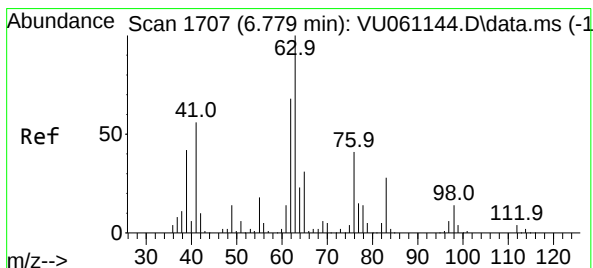
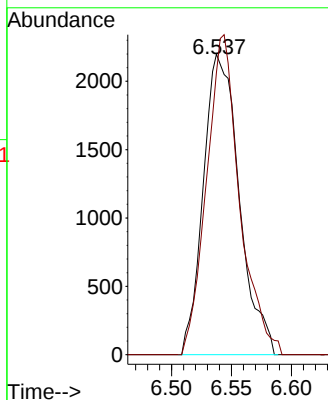
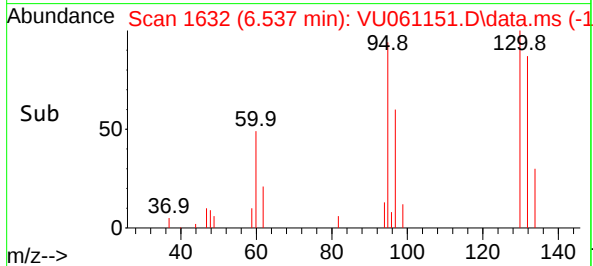
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



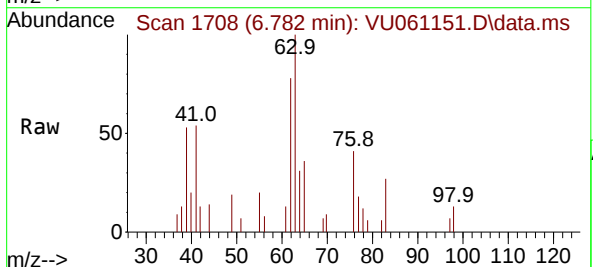
Tgt Ion:130 Resp: 457
Ion Ratio Lower Upper
130 100
95 93.9 82.6 123.8

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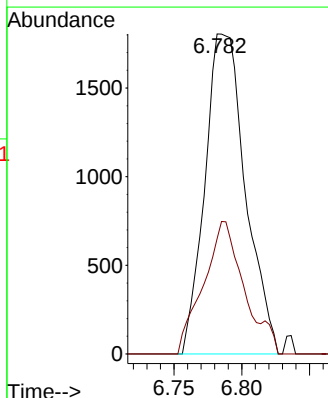
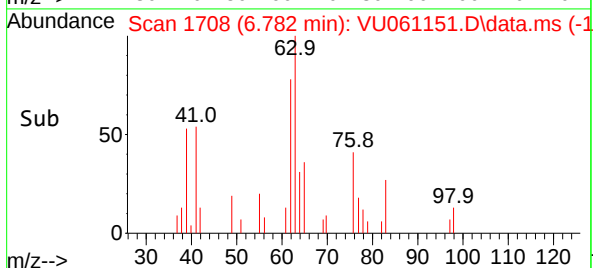
Reviewed By :Semsettin Yesilyurt 10/21/2024
Supervised By :Mahesh Dadoda 10/21/2024

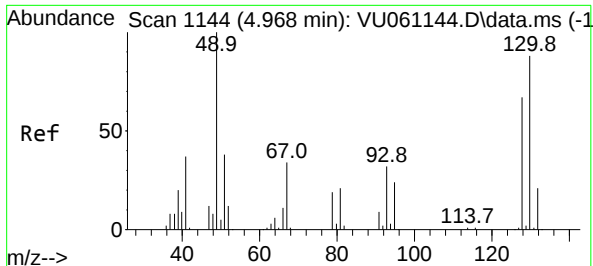


#38
1,2-Dichloropropane
Concen: 0.282 ug/l
RT: 6.782 min Scan# 1708
Delta R.T. 0.003 min
Lab File: VU061151.D
Acq: 17 Oct 2024 19:07



Tgt Ion: 63 Resp: 3758
Ion Ratio Lower Upper
63 100
65 36.0 25.0 37.6





#39

Methacrylonitrile

Concen: 0.257 ug/l

RT: 5.001 min Scan# 1154

Delta R.T. 0.032 min

Lab File: VU061151.D

Acq: 17 Oct 2024 19:07

Instrument :

MSVOA_U

ClientSampleId :

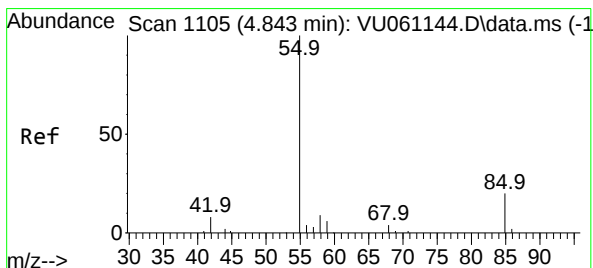
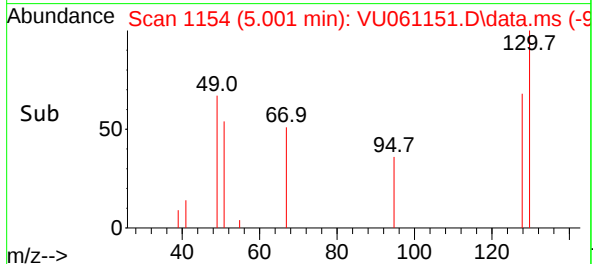
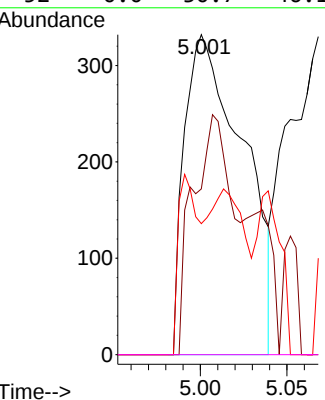
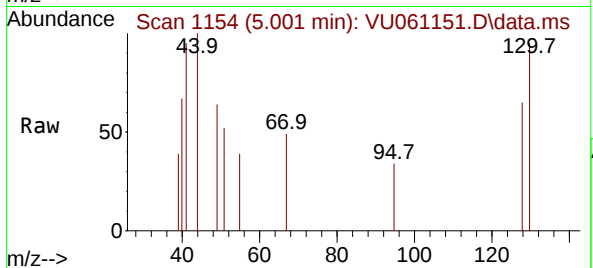
LOD-MDL-WATER-01-QT4-2024

Tgt Ion: 41	Resp: 78
Ion Ratio	Lower Upper
41 100	
67 49.8	78.1 117.1
39 19.7	44.6 67.0
52 0.0	30.7 46.1

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 10/21/2024
Supervised By :Mahesh Dadoda 10/21/2024



#40

Methyl acrylate

Concen: 0.277 ug/l m

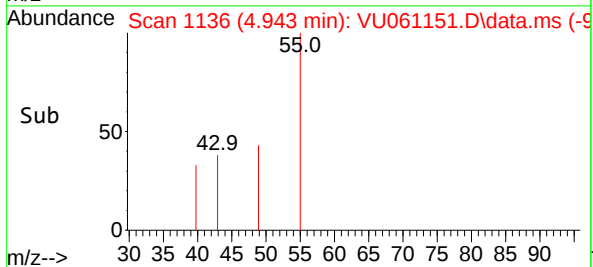
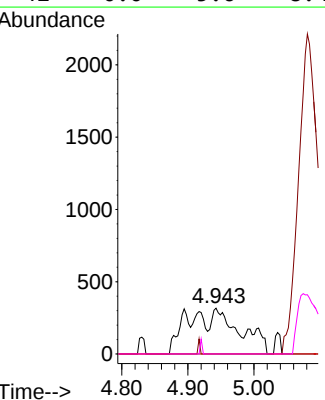
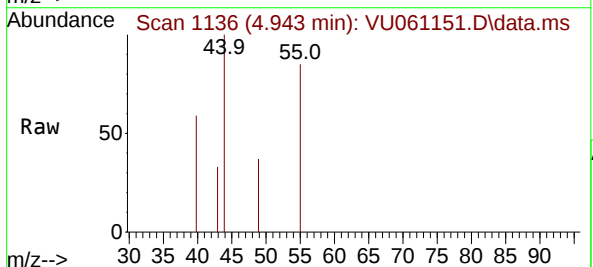
RT: 4.943 min Scan# 1136

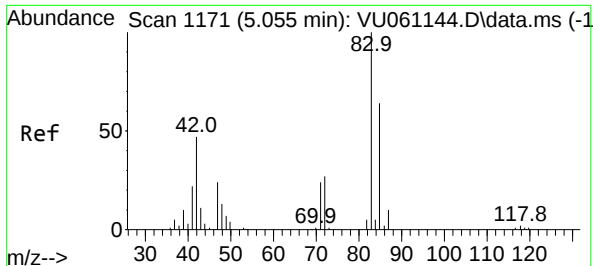
Delta R.T. 0.100 min

Lab File: VU061151.D

Acq: 17 Oct 2024 19:07

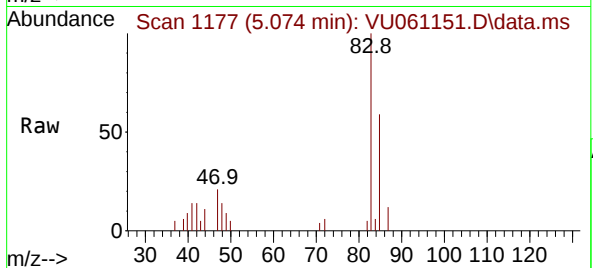
Tgt Ion: 55	Resp: 1709
Ion Ratio	Lower Upper
55 100	
85 0.0	14.1 21.1
58 0.0	6.9 10.3
42 0.0	5.6 8.4





#41
Tetrahydrofuran
Concen: 0.643 ug/l
RT: 5.074 min Scan# 1177
Delta R.T. 0.019 min
Lab File: VU061151.D
Acq: 17 Oct 2024 19:07

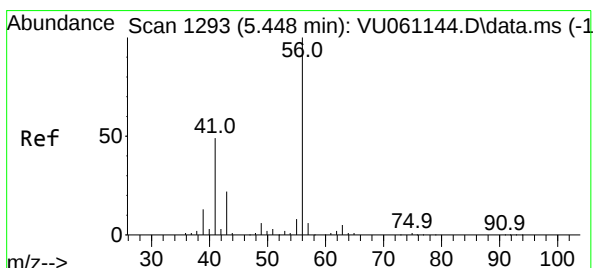
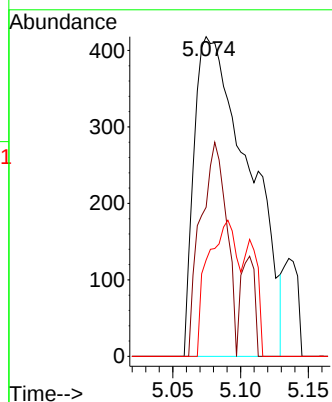
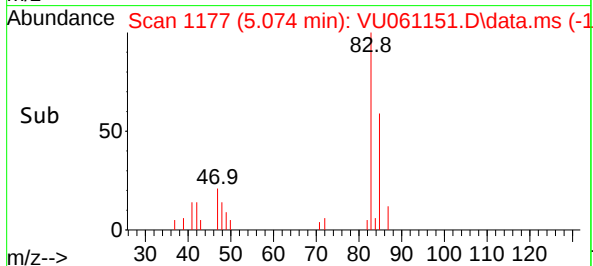
Instrument : MSVOA_U
ClientSampleId : LOD-MDL-WATER-01-QT4-2024



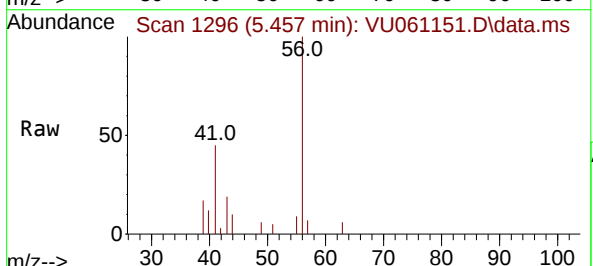
Tgt Ion: 42 Resp: 1177
Ion Ratio Lower Upper
42 100
72 31.8 47.8 71.8
71 23.3 41.5 62.3

Manual Integrations
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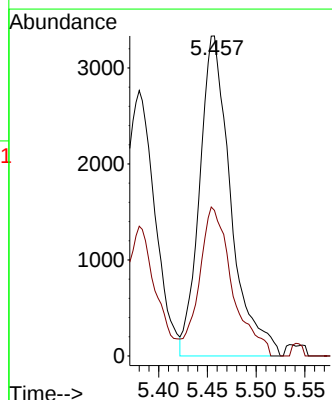
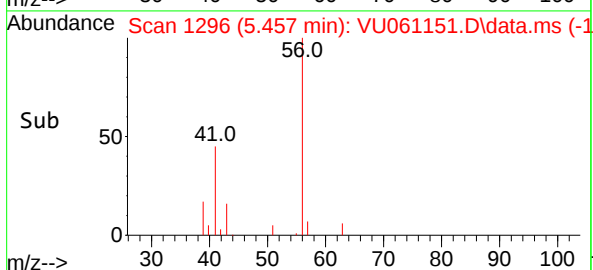
Reviewed By :Semsettin Yesilyurt 10/21/2024
Supervised By :Mahesh Dadoda 10/21/2024

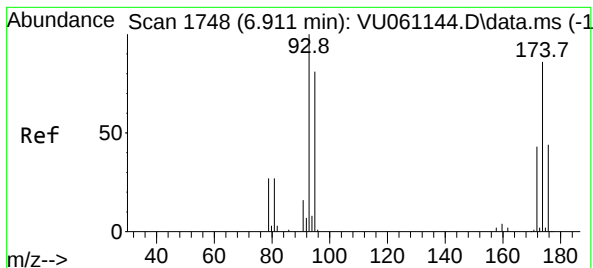


#42
1-Chlorobutane
Concen: 0.309 ug/l
RT: 5.457 min Scan# 1296
Delta R.T. 0.010 min
Lab File: VU061151.D
Acq: 17 Oct 2024 19:07



Tgt Ion: 56 Resp: 7410
Ion Ratio Lower Upper
56 100
41 49.1 23.9 71.7





#43

Dibromomethane

Concen: 0.332 ug/l

RT: 6.917 min Scan# 1750

Delta R.T. 0.006 min

Lab File: VU061151.D

Acq: 17 Oct 2024 19:07

Instrument :

MSVOA_U

ClientSampleId :

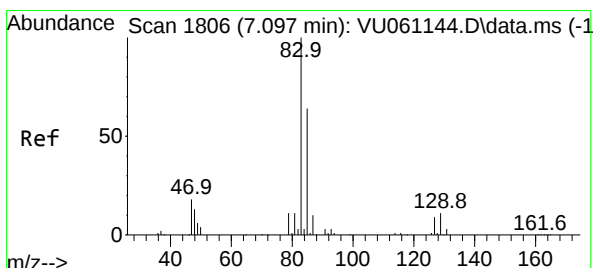
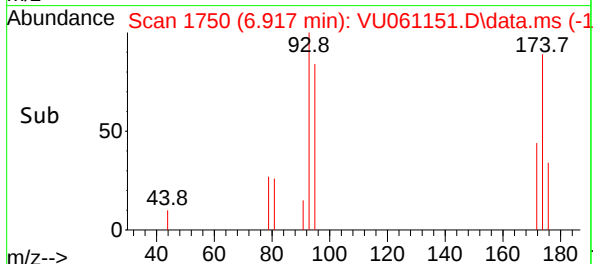
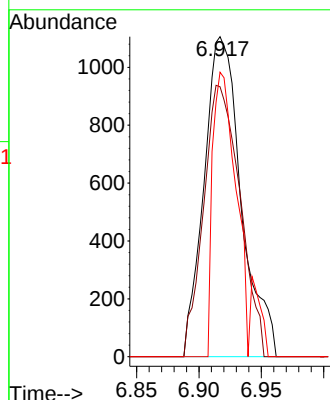
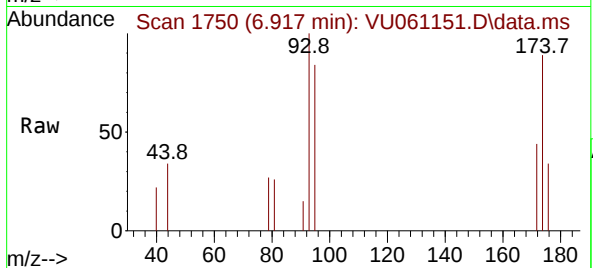
LOD-MDL-WATER-01-QT4-2024

Tgt Ion: 93	Resp: 229
Ion Ratio	Lower Upper
93 100	
95 83.1	67.5 101.3
174 55.0	71.2 106.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/21/2024
Supervised By :Mahesh Dadoda 10/21/2024



#44

Bromodichloromethane

Concen: 0.309 ug/l

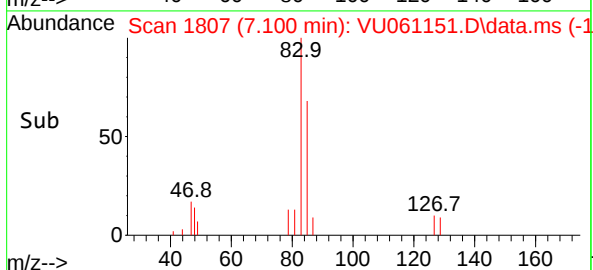
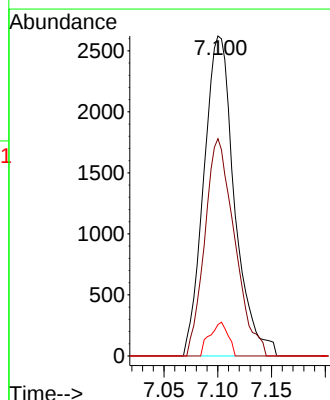
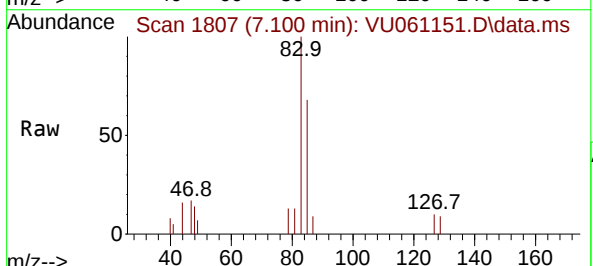
RT: 7.100 min Scan# 1807

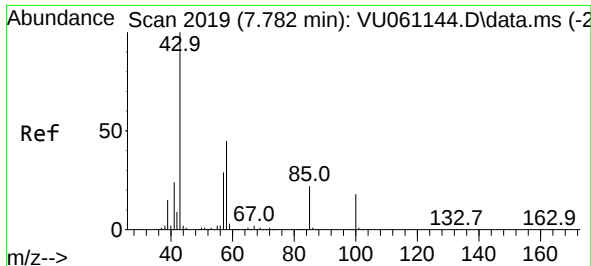
Delta R.T. 0.003 min

Lab File: VU061151.D

Acq: 17 Oct 2024 19:07

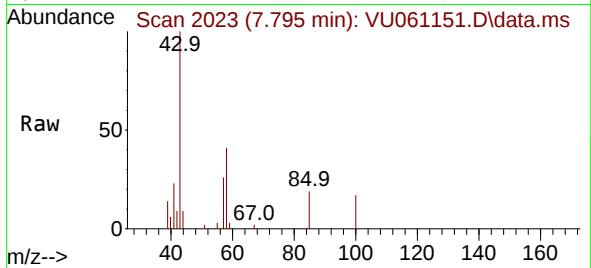
Tgt Ion: 83	Resp: 5204
Ion Ratio	Lower Upper
83 100	
85 67.9	51.4 77.2
127 9.8	7.4 11.2





#45
4-Methyl-2-Pentanone
Concen: 1.491 ug/l
RT: 7.795 min Scan# 2019
Delta R.T. 0.013 min
Lab File: VU061151.D
Acq: 17 Oct 2024 19:07

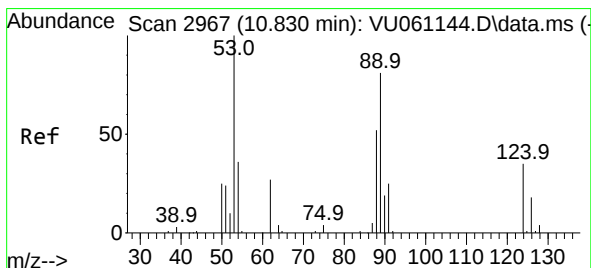
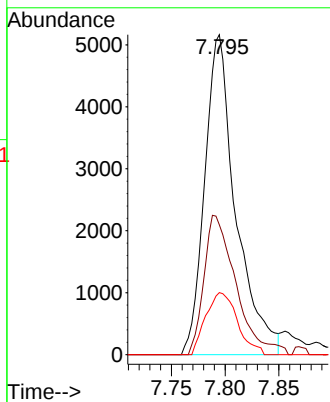
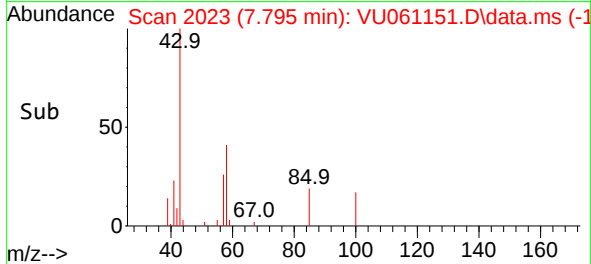
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



Tgt Ion: 43 Resp: 1035
Ion Ratio Lower Upper
43 100
58 44.8 22.2 66.6
85 19.8 17.2 25.8

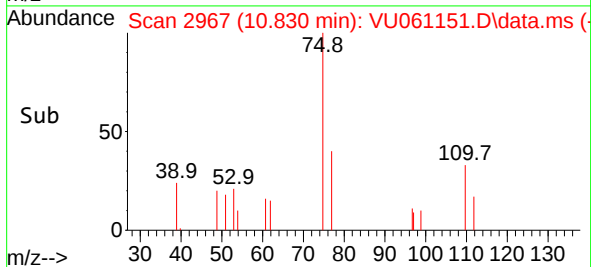
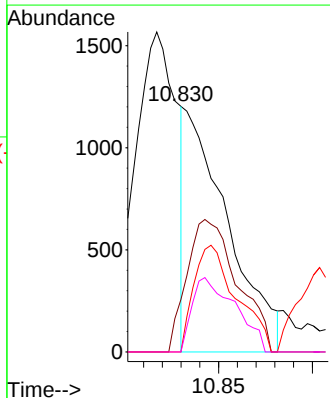
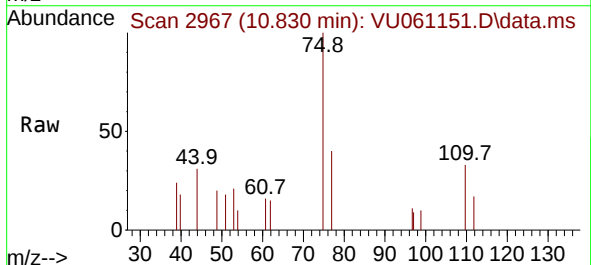
Manual Integrations
APPROVED

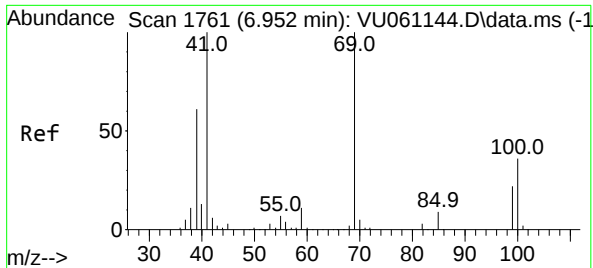
Reviewed By :Semsettin Yesilyurt 10/21/2024
Supervised By :Mahesh Dadoda 10/21/2024



#46
t-1,4-Dichloro-2-butene
Concen: 0.686 ug/l m
RT: 10.830 min Scan# 2967
Delta R.T. -0.000 min
Lab File: VU061151.D
Acq: 17 Oct 2024 19:07

Tgt Ion: 75 Resp: 1898
Ion Ratio Lower Upper
75 100
53 64.2 66.0 99.0#
89 43.8 48.0 72.0#
88 30.6 35.7 53.5#





#47

Methyl methacrylate

Concen: 0.545 ug/l

RT: 6.975 min Scan# 1761

Delta R.T. 0.022 min

Lab File: VU061151.D

Acq: 17 Oct 2024 19:07

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT4-2024

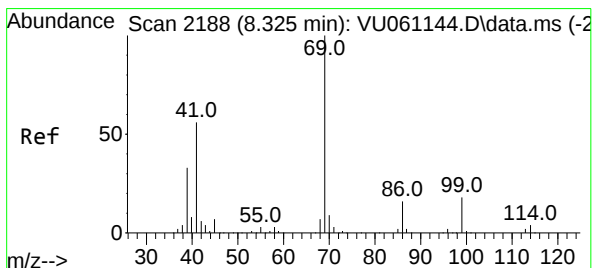
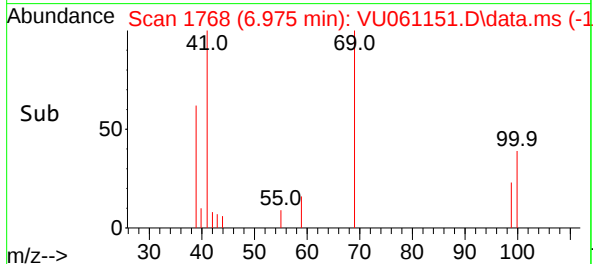
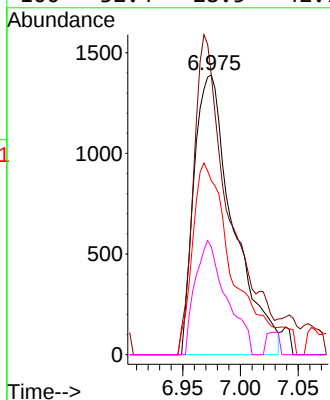
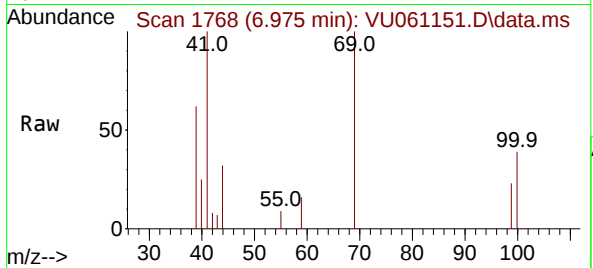
Tgt Ion: 69 Resp: 327

Ion	Ratio	Lower	Upper
69	100		
41	105.8	0.0	196.0
39	73.1	48.0	72.0
100	32.4	28.5	42.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/21/2024
Supervised By :Mahesh Dadoda 10/21/2024



#48

Ethyl methacrylate

Concen: 0.277 ug/l

RT: 8.338 min Scan# 2192

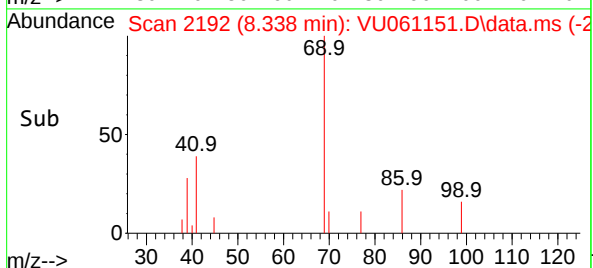
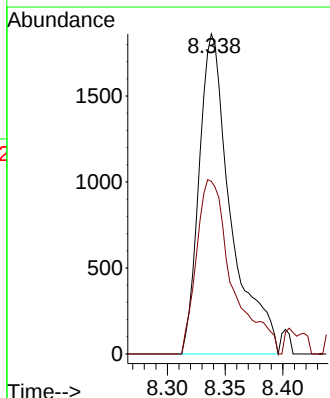
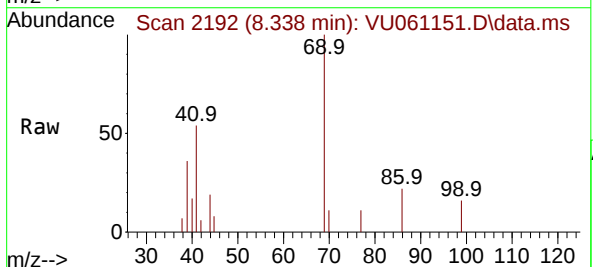
Delta R.T. 0.013 min

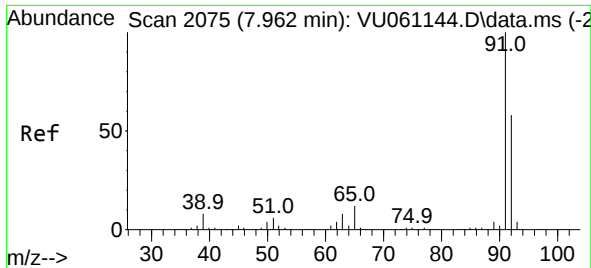
Lab File: VU061151.D

Acq: 17 Oct 2024 19:07

Tgt Ion: 69 Resp: 3556

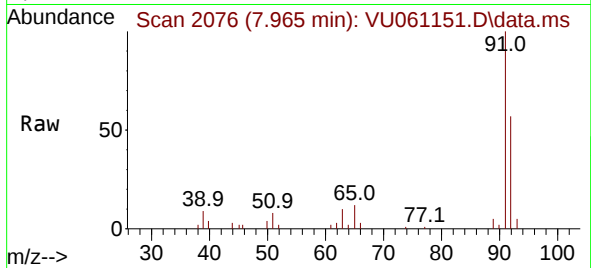
Ion	Ratio	Lower	Upper
69	100		
41	61.0	28.1	84.3





#49
Toluene
Concen: 0.317 ug/l
RT: 7.965 min Scan# 2075
Delta R.T. 0.003 min
Lab File: VU061151.D
Acq: 17 Oct 2024 19:07

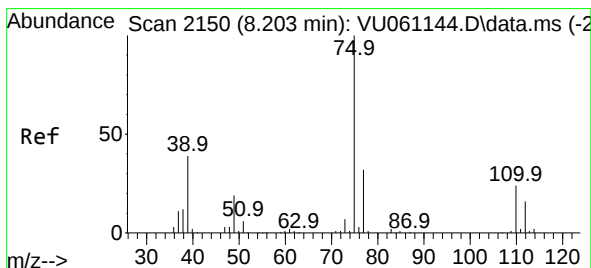
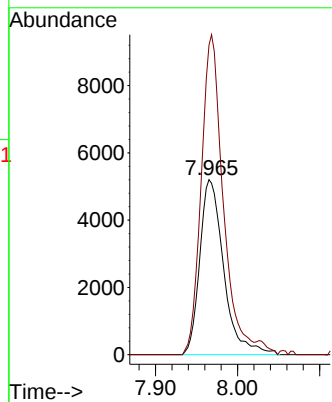
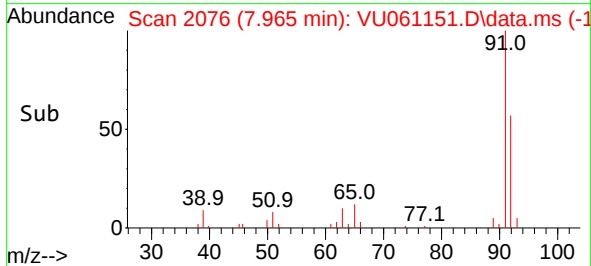
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



Tgt Ion: 92 Resp: 1055
Ion Ratio Lower Upper
92 100
91 166.1 139.1 208.7

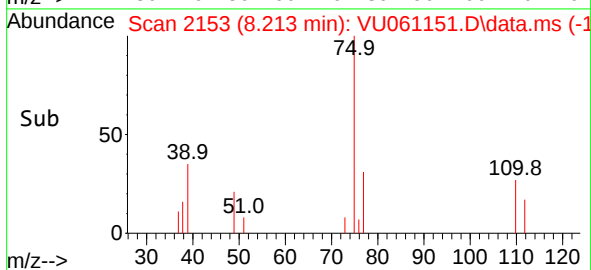
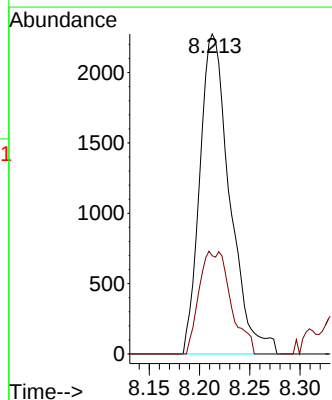
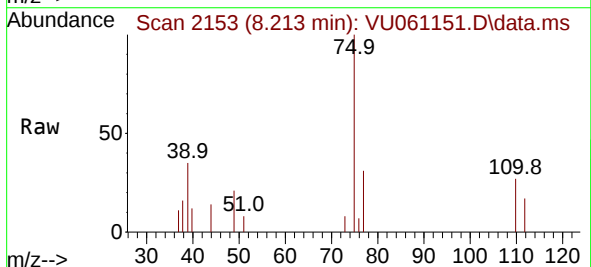
Manual Integrations
APPROVED

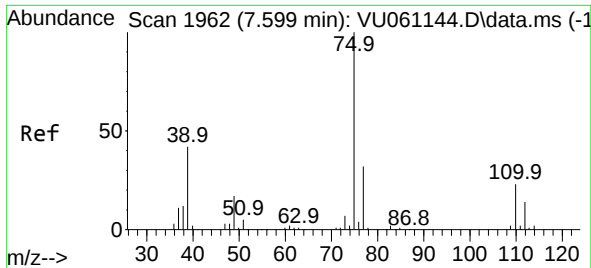
Reviewed By :Semsettin Yesilyurt 10/21/2024
Supervised By :Mahesh Dadoda 10/21/2024



#50
t-1,3-Dichloropropene
Concen: 0.291 ug/l
RT: 8.213 min Scan# 2153
Delta R.T. 0.010 min
Lab File: VU061151.D
Acq: 17 Oct 2024 19:07

Tgt Ion: 75 Resp: 4716
Ion Ratio Lower Upper
75 100
77 30.7 25.9 38.9





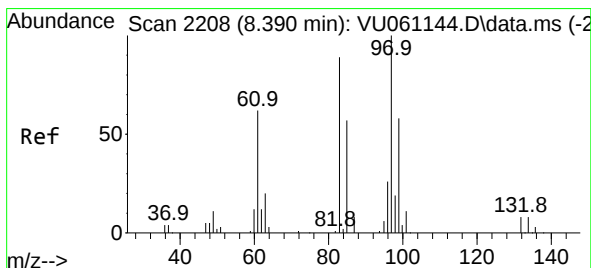
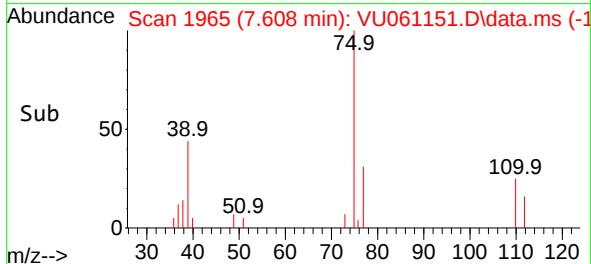
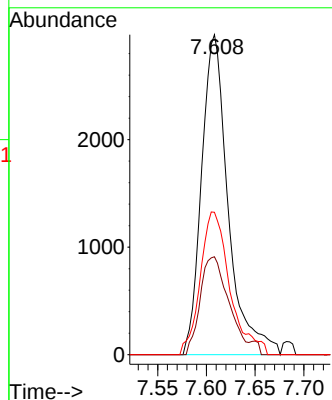
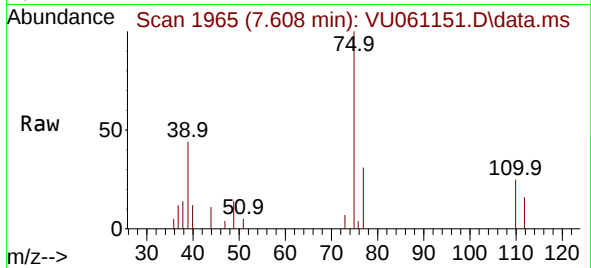
#51
 cis-1,3-Dichloropropene
 Concen: 0.285 ug/l
 RT: 7.608 min Scan# 1965
 Delta R.T. 0.010 min
 Lab File: VU061151.D
 Acq: 17 Oct 2024 19:07

Instrument : MSVOA_U
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2024

Tgt Ion: 75 Resp: 566
 Ion Ratio Lower Upper
 75 100
 77 30.6 25.8 38.8
 39 44.5 33.7 50.5

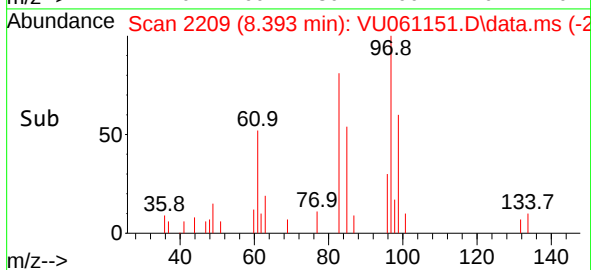
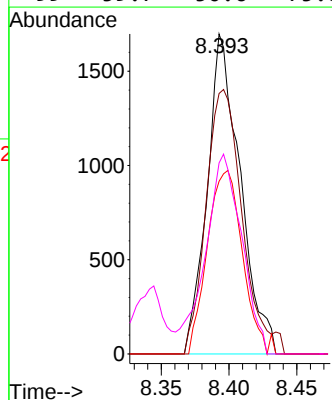
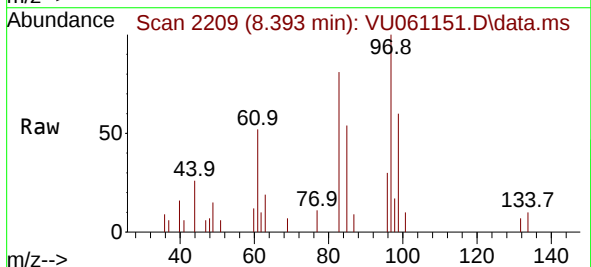
Manual Integrations
 APPROVED

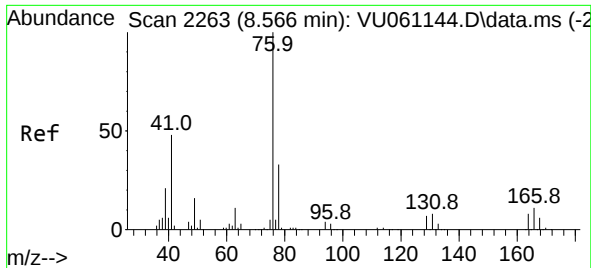
Reviewed By :Semsettin Yesilyurt 10/21/2024
 Supervised By :Mahesh Dadoda 10/21/2024



#52
 1,1,2-Trichloroethane
 Concen: 0.308 ug/l
 RT: 8.393 min Scan# 2209
 Delta R.T. 0.003 min
 Lab File: VU061151.D
 Acq: 17 Oct 2024 19:07

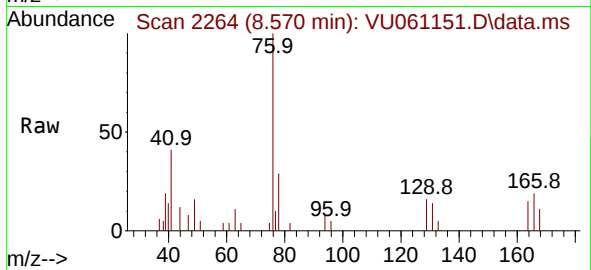
Tgt Ion: 97 Resp: 2875
 Ion Ratio Lower Upper
 97 100
 83 81.4 71.0 106.4
 85 53.9 46.1 69.1
 99 59.7 50.6 75.8





#53
1,3-Dichloropropane
Concen: 0.321 ug/l
RT: 8.570 min Scan# 2103
Delta R.T. 0.003 min
Lab File: VU061151.D
Acq: 17 Oct 2024 19:07

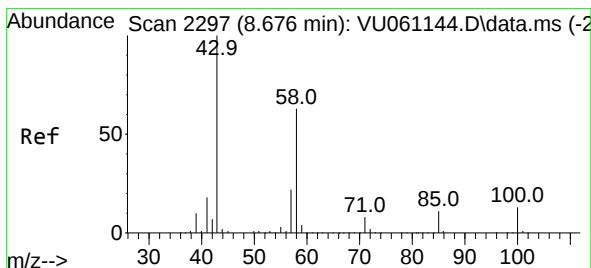
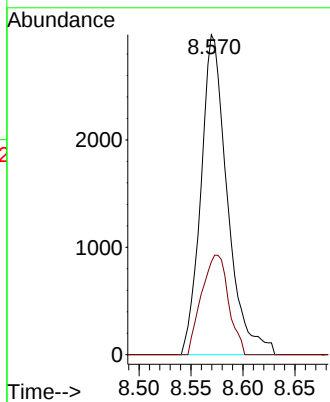
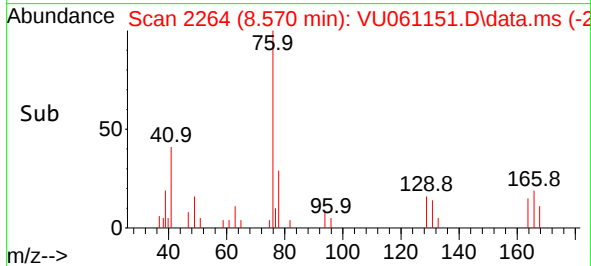
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



Tgt Ion: 76 Resp: 526
Ion Ratio Lower Upper
76 100
78 31.7 26.2 39.2

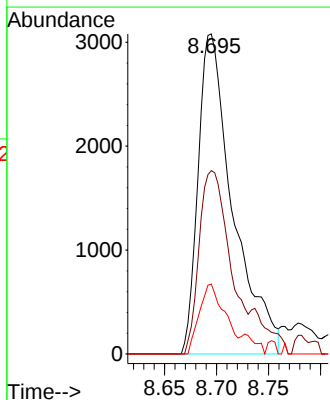
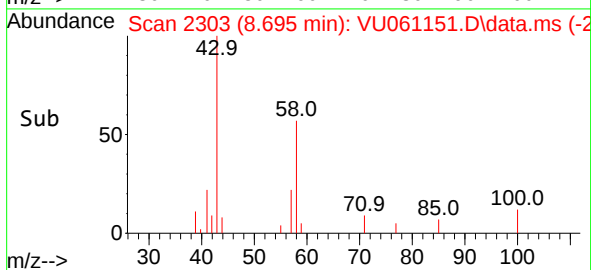
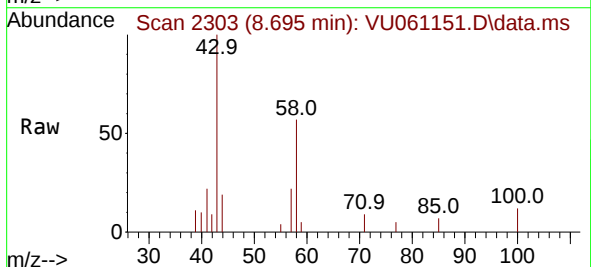
Manual Integrations
APPROVED

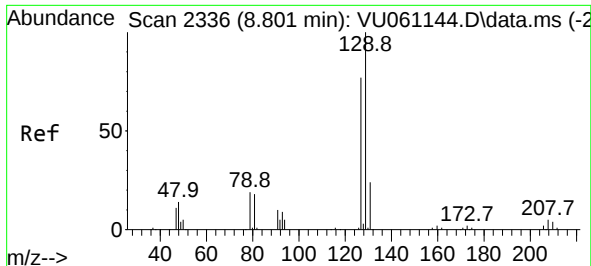
Reviewed By :Semsettin Yesilyurt 10/21/2024
Supervised By :Mahesh Dadoda 10/21/2024



#54
2-Hexanone
Concen: 1.259 ug/l
RT: 8.695 min Scan# 2303
Delta R.T. 0.019 min
Lab File: VU061151.D
Acq: 17 Oct 2024 19:07

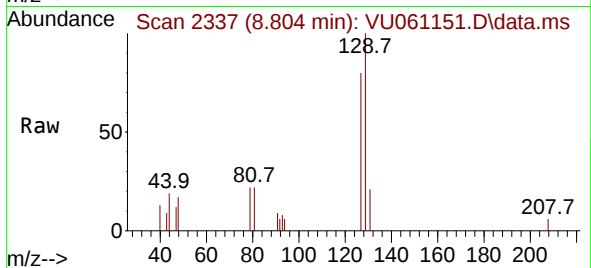
Tgt Ion: 43 Resp: 7177
Ion Ratio Lower Upper
43 100
58 50.1 41.8 81.8
57 16.1 1.4 41.4





#55
Dibromochloromethane
Concen: 0.290 ug/l
RT: 8.804 min Scan# 2190
Delta R.T. 0.003 min
Lab File: VU061151.D
Acq: 17 Oct 2024 19:07

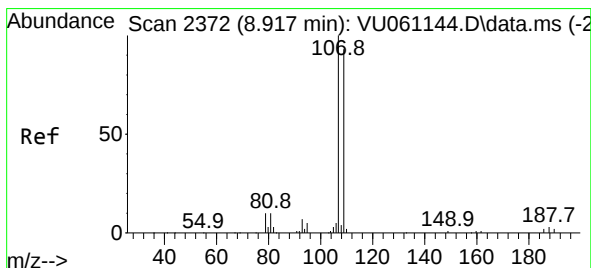
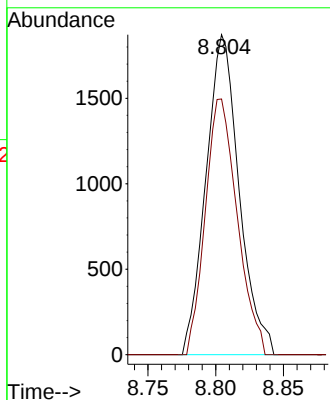
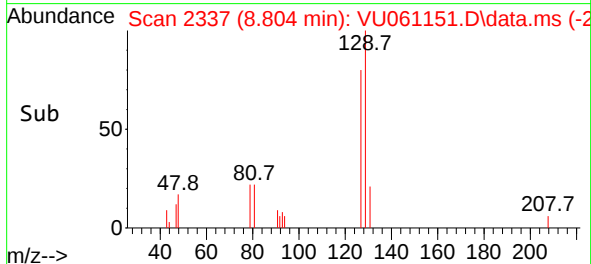
Instrument : MSVOA_U
ClientSampleId : LOD-MDL-WATER-01-QT4-2024



Tgt Ion:129 Resp: 3190
Ion Ratio Lower Upper
129 100
127 76.8 61.9 92.9

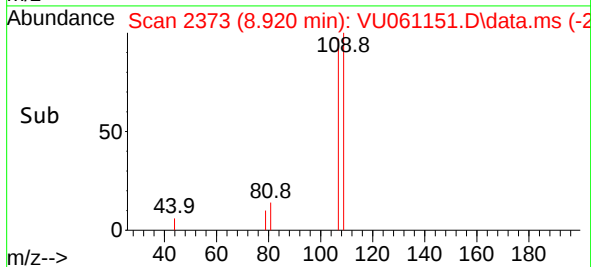
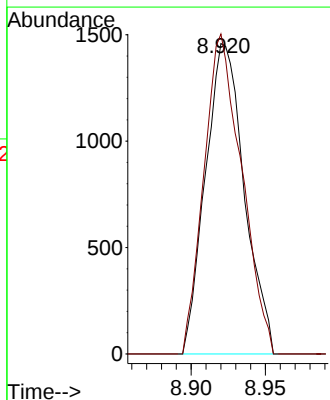
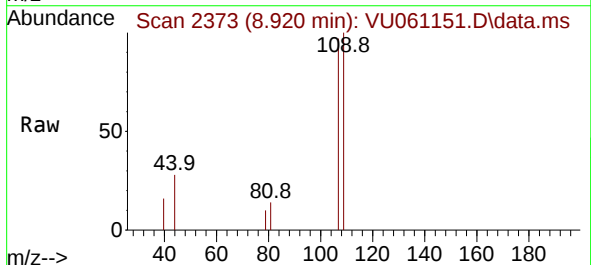
Manual Integrations
APPROVED

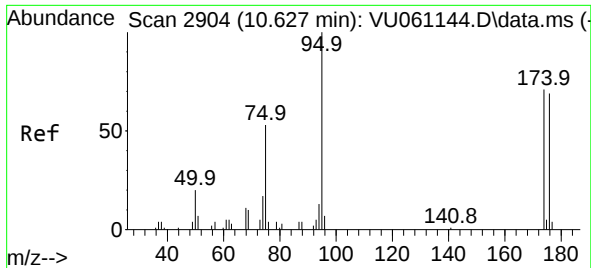
Reviewed By :Semsettin Yesilyurt 10/21/2024
Supervised By :Mahesh Dadoda 10/21/2024



#56
1,2-Dibromoethane
Concen: 0.297 ug/l
RT: 8.920 min Scan# 2373
Delta R.T. 0.003 min
Lab File: VU061151.D
Acq: 17 Oct 2024 19:07

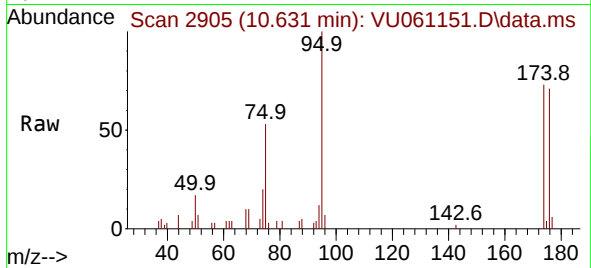
Tgt Ion:107 Resp: 2655
Ion Ratio Lower Upper
107 100
109 100.2 0.0 185.2





#57
4-Bromofluorobenzene
Concen: 0.886 ug/l
RT: 10.631 min Scan# 2905
Delta R.T. 0.003 min
Lab File: VU061151.D
Acq: 17 Oct 2024 19:07

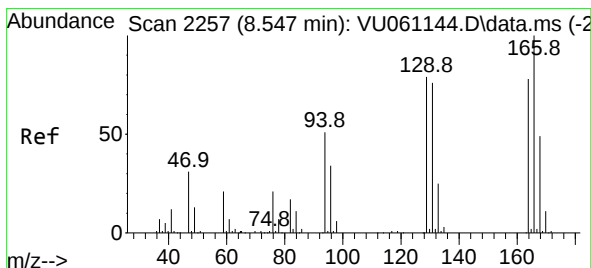
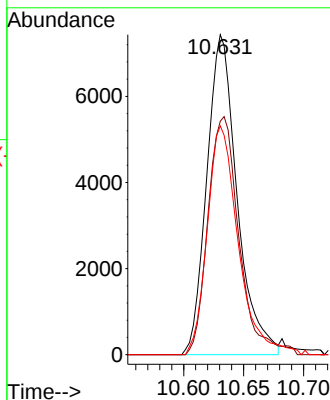
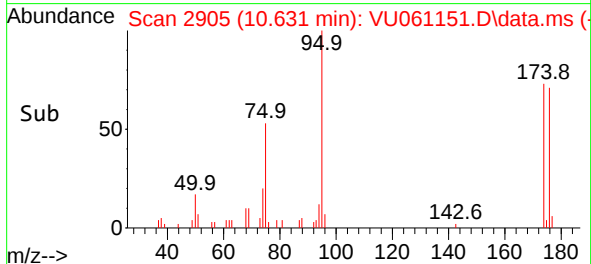
Instrument : MSVOA_U
ClientSampleId : LOD-MDL-WATER-01-QT4-2024



Tgt Ion: 95 Resp: 1305
Ion Ratio Lower Upper
95 100
174 76.4 55.4 83.0
176 73.2 54.4 81.6

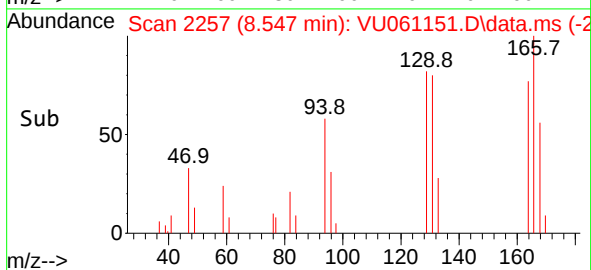
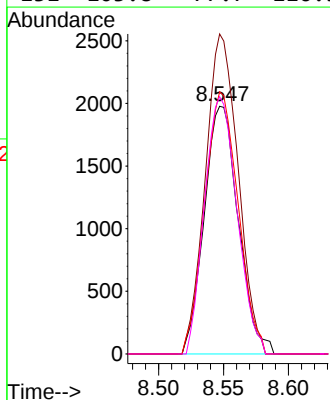
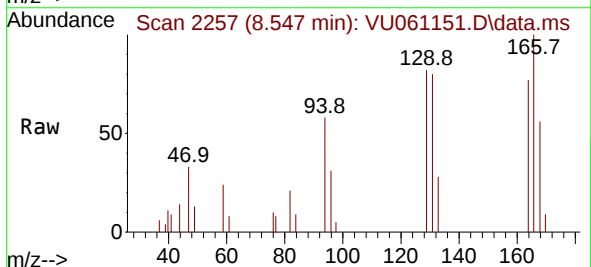
Manual Integrations
APPROVED

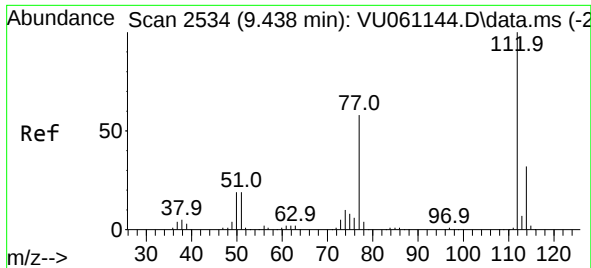
Reviewed By :Semsettin Yesilyurt 10/21/2024
Supervised By :Mahesh Dadoda 10/21/2024



#58
Tetrachloroethene
Concen: 0.303 ug/l
RT: 8.547 min Scan# 2257
Delta R.T. -0.000 min
Lab File: VU061151.D
Acq: 17 Oct 2024 19:07

Tgt Ion:164 Resp: 3606
Ion Ratio Lower Upper
164 100
166 129.2 102.1 153.1
129 105.9 80.6 120.8
131 103.8 77.7 116.5





#59

Chlorobenzene

Concen: 0.317 ug/l

RT: 9.444 min Scan# 2536

Delta R.T. 0.006 min

Lab File: VU061151.D

Acq: 17 Oct 2024 19:07

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT4-2024

Tgt Ion:112 Resp: 1134

Ion Ratio Lower Upper

112 100

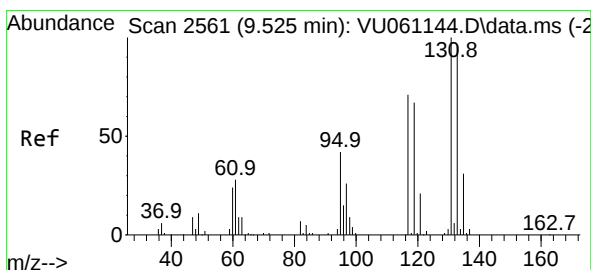
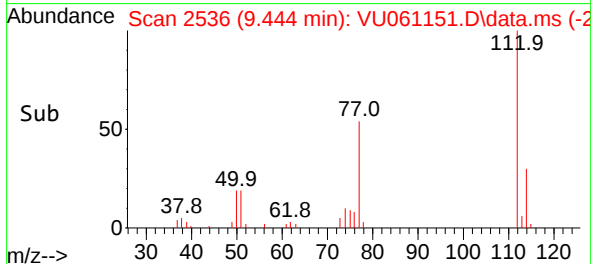
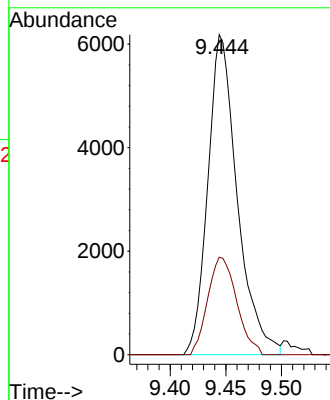
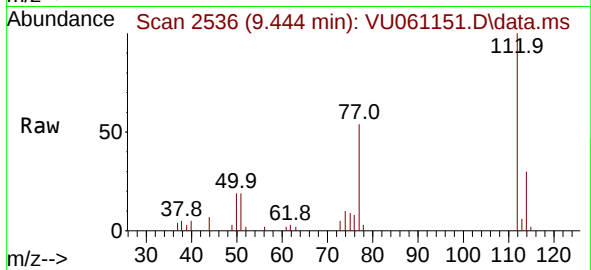
114 30.4 25.4 38.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/21/2024

Supervised By :Mahesh Dadoda 10/21/2024



#60

1,1,1,2-Tetrachloroethane

Concen: 0.315 ug/l

RT: 9.528 min Scan# 2562

Delta R.T. 0.003 min

Lab File: VU061151.D

Acq: 17 Oct 2024 19:07

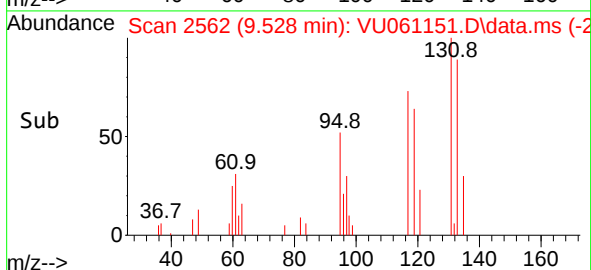
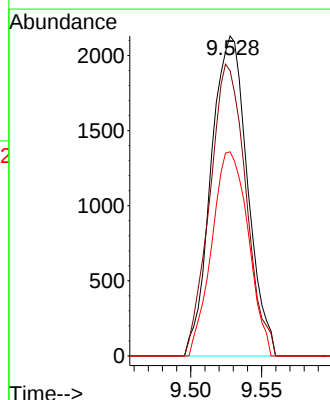
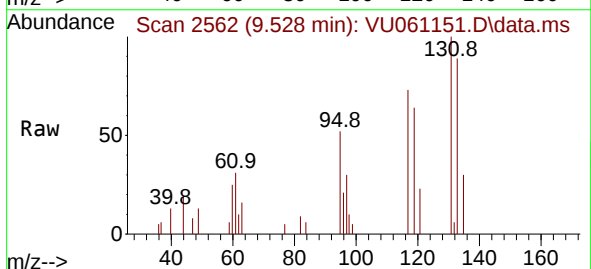
Tgt Ion:131 Resp: 3806

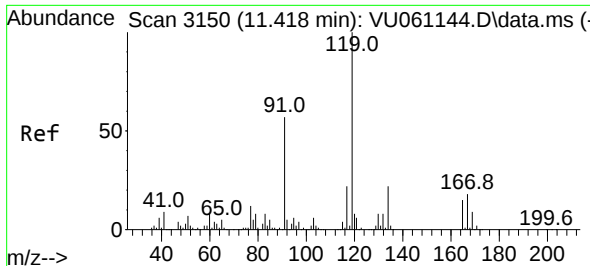
Ion Ratio Lower Upper

131 100

133 90.3 76.8 115.2

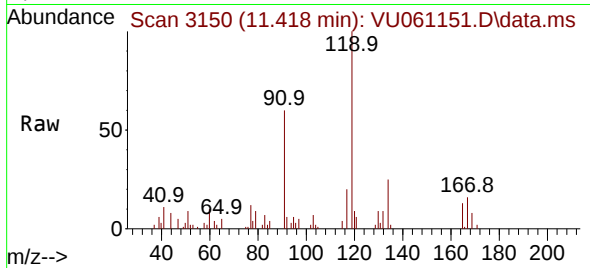
119 63.7 54.2 81.2





#61
Pentachloroethane
Concen: 0.270 ug/l
RT: 11.418 min Scan# 3150
Delta R.T. -0.000 min
Lab File: VU061151.D
Acq: 17 Oct 2024 19:07

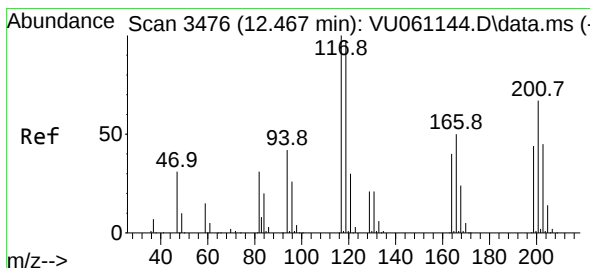
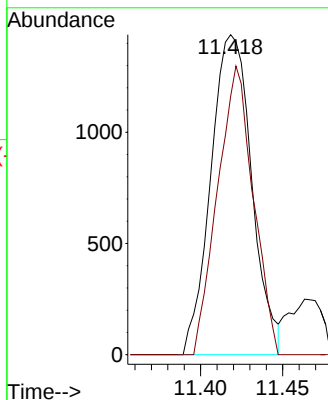
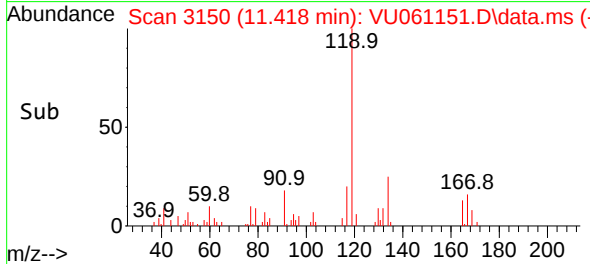
Instrument : MSVOA_U
ClientSampleId : LOD-MDL-WATER-01-QT4-2024



Tgt Ion:117 Resp: 2490
Ion Ratio Lower Upper
117 100
167 78.4 63.4 95.2

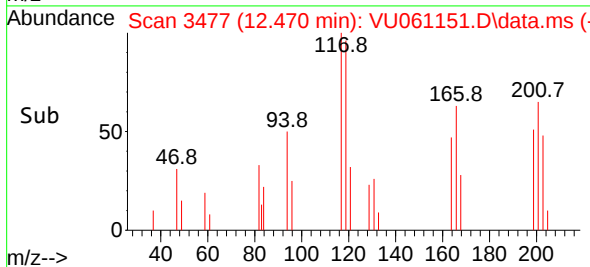
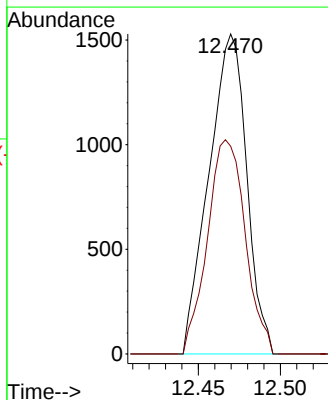
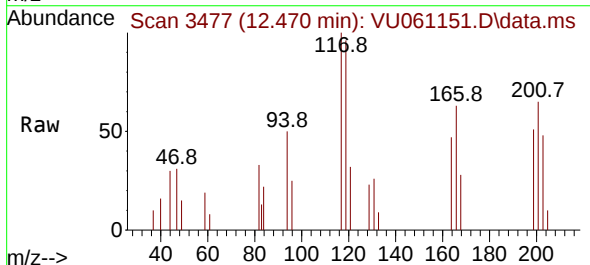
Manual Integrations
APPROVED

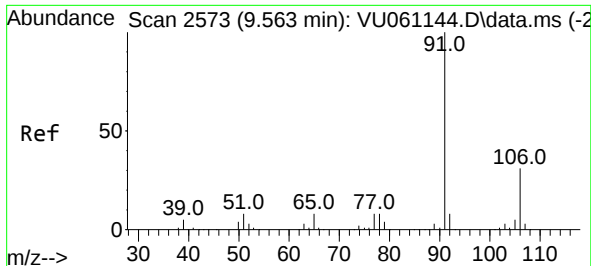
Reviewed By :Semsettin Yesilyurt 10/21/2024
Supervised By :Mahesh Dadoda 10/21/2024



#62
Hexachloroethane
Concen: 0.257 ug/l
RT: 12.470 min Scan# 3477
Delta R.T. 0.003 min
Lab File: VU061151.D
Acq: 17 Oct 2024 19:07

Tgt Ion:117 Resp: 2448
Ion Ratio Lower Upper
117 100
201 67.0 54.3 81.5





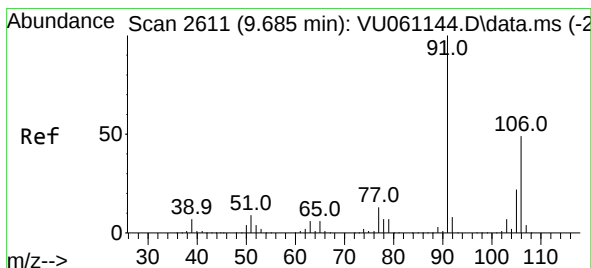
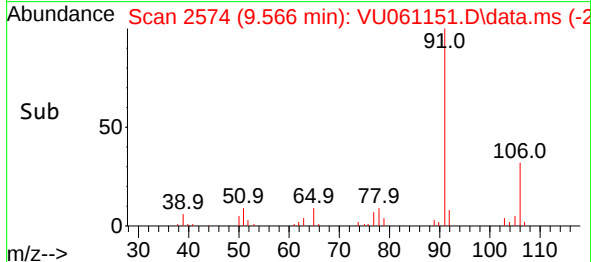
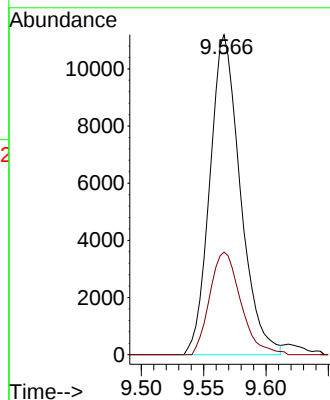
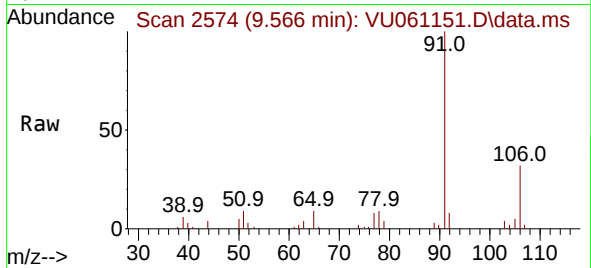
#63
Ethyl Benzene
Concen: 0.296 ug/l
RT: 9.566 min Scan# 2102
Delta R.T. 0.003 min
Lab File: VU061151.D
Acq: 17 Oct 2024 19:07

Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024

Tgt Ion: 91 Resp: 19028
Ion Ratio Lower Upper
91 100
106 32.0 24.6 37.0

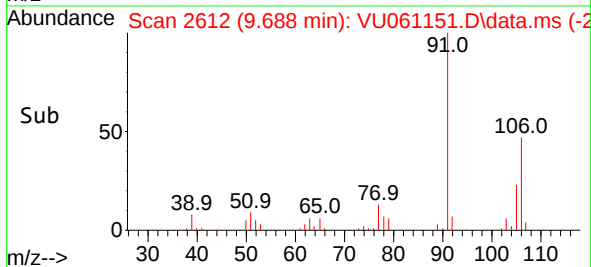
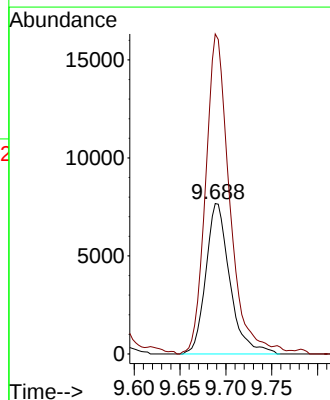
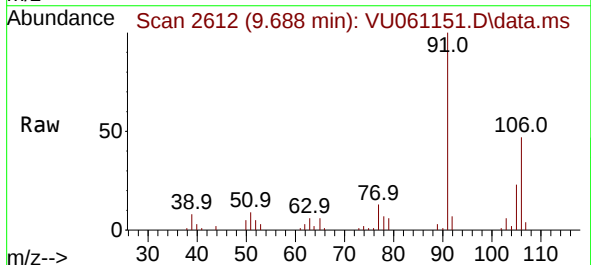
Manual Integrations
APPROVED

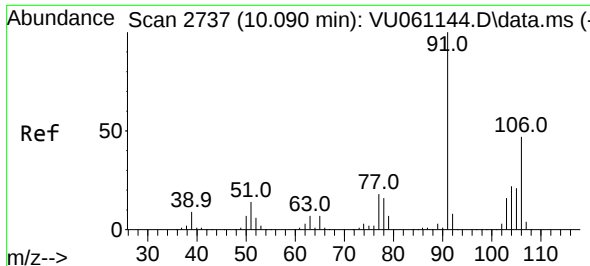
Reviewed By :Semsettin Yesilyurt 10/21/2024
Supervised By :Mahesh Dadoda 10/21/2024



#64
m/p-Xylenes
Concen: 0.573 ug/l
RT: 9.688 min Scan# 2612
Delta R.T. 0.003 min
Lab File: VU061151.D
Acq: 17 Oct 2024 19:07

Tgt Ion:106 Resp: 14007
Ion Ratio Lower Upper
106 100
91 213.3 163.3 244.9





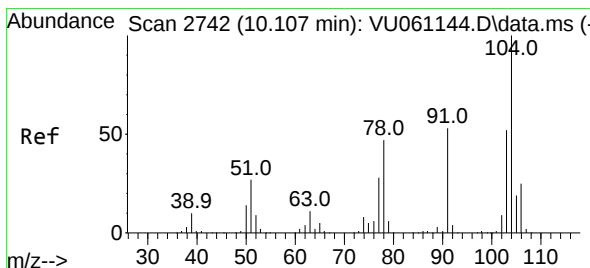
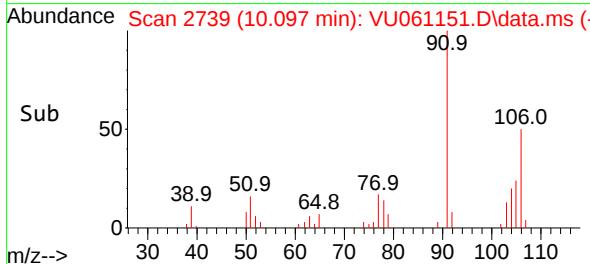
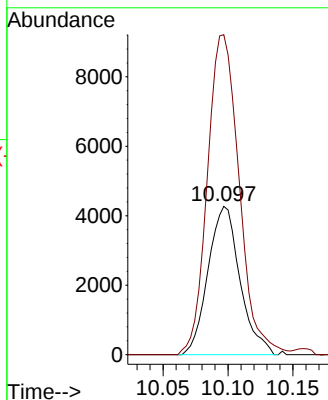
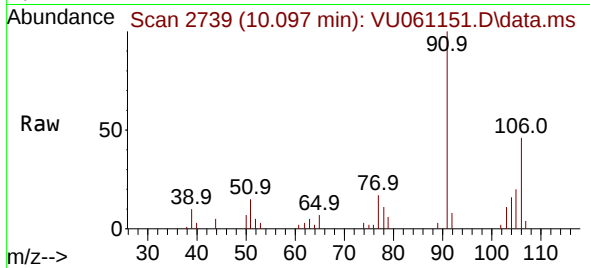
#65
o-Xylene
Concen: 0.303 ug/l
RT: 10.097 min Scan# 2739
Delta R.T. 0.006 min
Lab File: VU061151.D
Acq: 17 Oct 2024 19:07

Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024

Tgt Ion:106 Resp: 7289
Ion Ratio Lower Upper
106 100
91 215.3 106.9 320.8

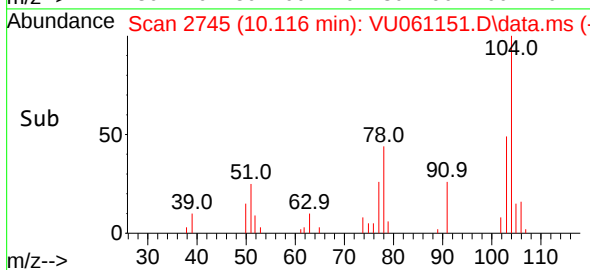
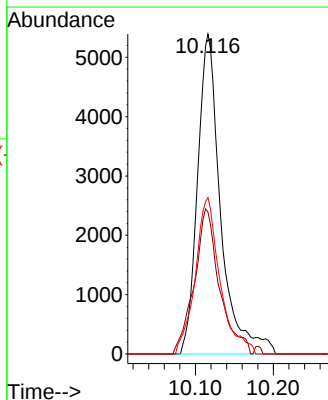
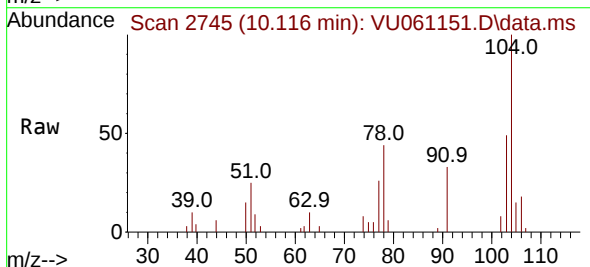
Manual Integrations
APPROVED

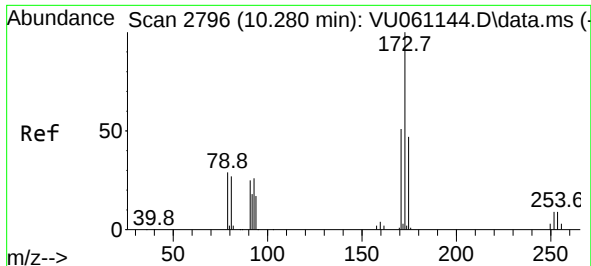
Reviewed By :Semsettin Yesilyurt 10/21/2024
Supervised By :Mahesh Dadoda 10/21/2024



#66
Styrene
Concen: 0.297 ug/l
RT: 10.116 min Scan# 2745
Delta R.T. 0.010 min
Lab File: VU061151.D
Acq: 17 Oct 2024 19:07

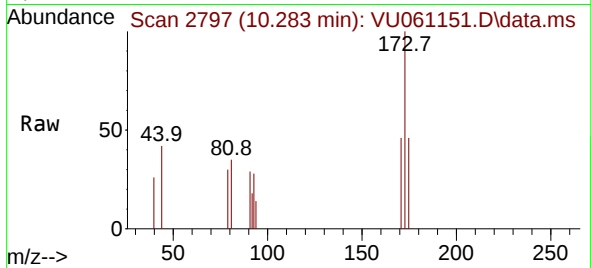
Tgt Ion:104 Resp: 11115
Ion Ratio Lower Upper
104 100
78 49.5 41.6 62.4
103 52.5 45.0 67.6





#67
Bromoform
Concen: 0.299 ug/l
RT: 10.283 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU061151.D
Acq: 17 Oct 2024 19:07

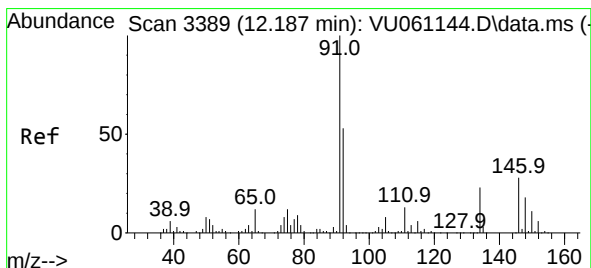
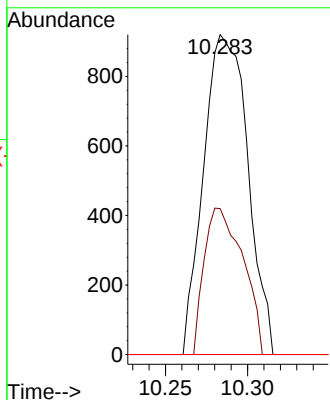
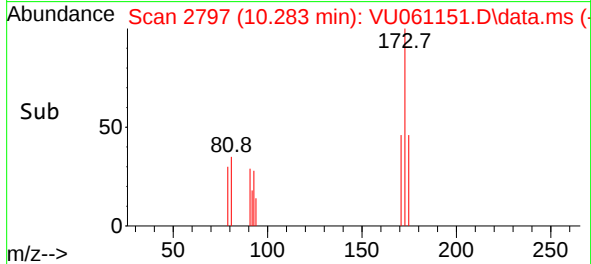
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



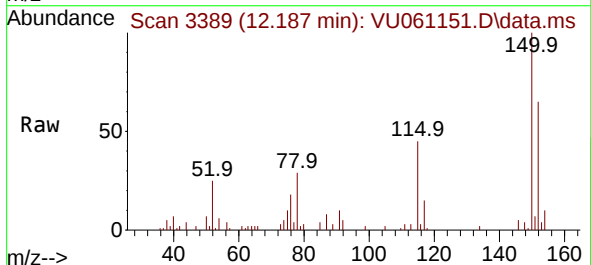
Tgt Ion:173 Resp: 172.7
Ion Ratio Lower Upper
173 100
175 40.1 37.8 56.8
254 0.0 7.0 10.4

Manual Integrations
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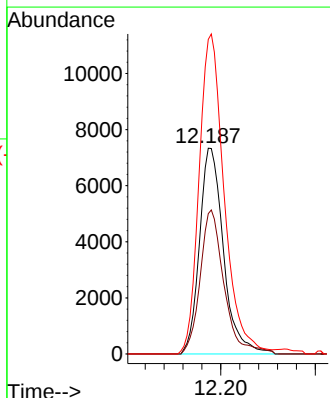
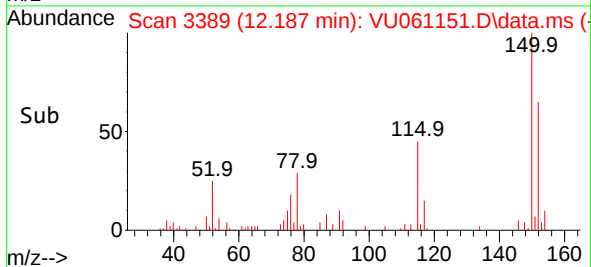
Reviewed By :Semsettin Yesilyurt 10/21/2024
Supervised By :Mahesh Dadoda 10/21/2024

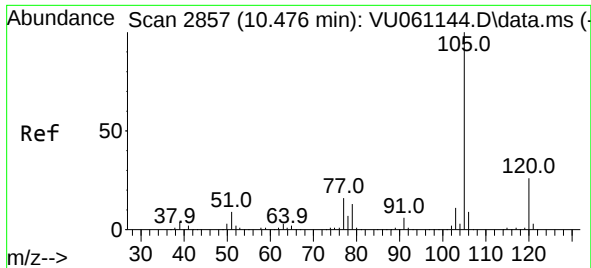


#68
1,2-Dichlorobenzene-d4
Concen: 0.890 ug/l
RT: 12.187 min Scan# 3389
Delta R.T. -0.000 min
Lab File: VU061151.D
Acq: 17 Oct 2024 19:07



Tgt Ion:152 Resp: 12932
Ion Ratio Lower Upper
152 100
115 69.5 0.0 275.0
150 162.6 0.0 668.8





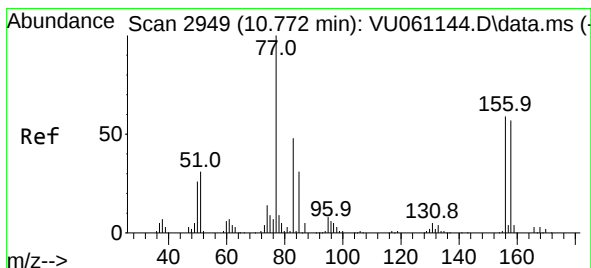
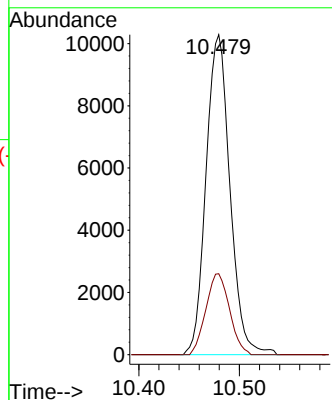
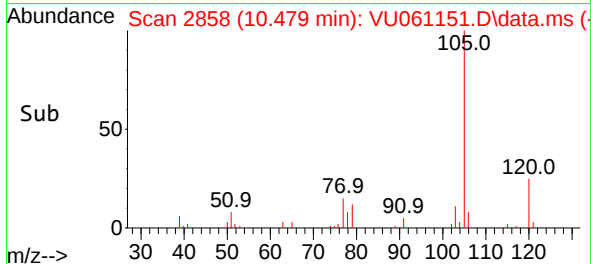
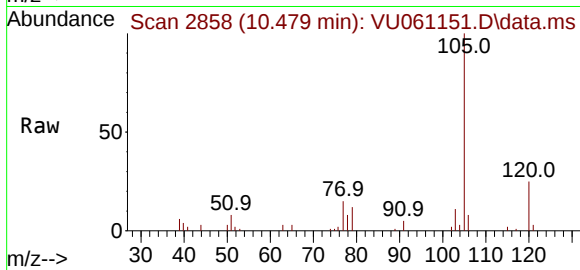
#69
Isopropylbenzene
Concen: 0.297 ug/l
RT: 10.479 min Scan# 2197
Delta R.T. 0.003 min
Lab File: VU061151.D
Acq: 17 Oct 2024 19:07

Instrument : MSVOA_U
ClientSampleId : LOD-MDL-WATER-01-QT4-2024

Tgt Ion: 105 Resp: 16970
Ion Ratio Lower Upper
105 100
120 25.0 13.1 39.1

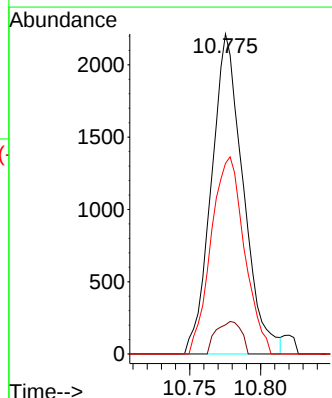
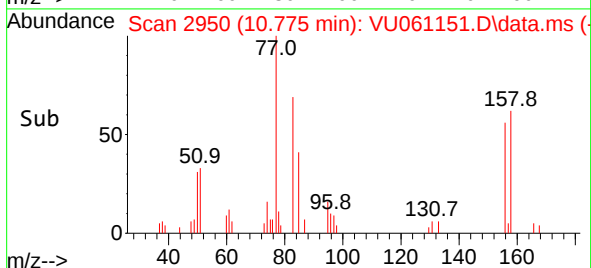
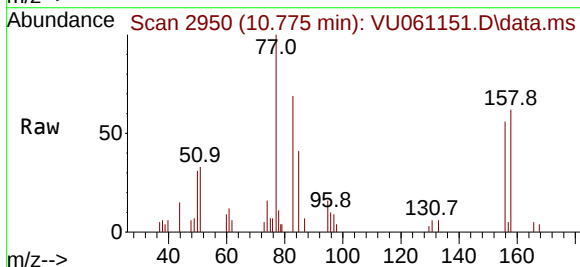
Manual Integrations
APPROVED

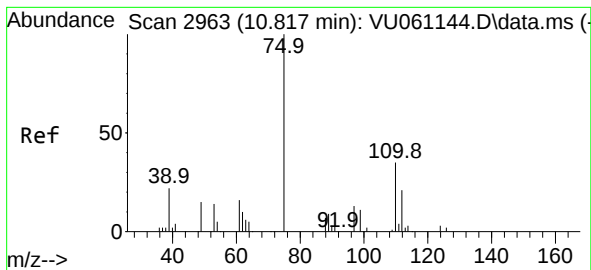
Reviewed By :Semsettin Yesilyurt 10/21/2024
Supervised By :Mahesh Dadoda 10/21/2024



#70
1,1,2,2-Tetrachloroethane
Concen: 0.304 ug/l
RT: 10.775 min Scan# 2950
Delta R.T. 0.003 min
Lab File: VU061151.D
Acq: 17 Oct 2024 19:07

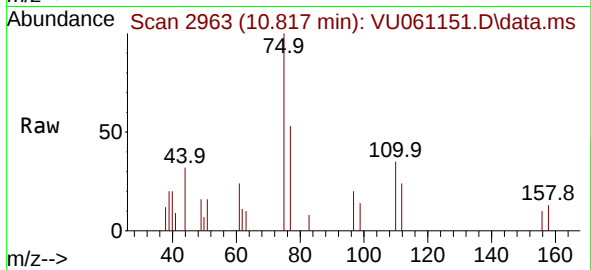
Tgt Ion: 83 Resp: 3446
Ion Ratio Lower Upper
83 100
131 8.1 7.8 11.8
85 64.6 50.8 76.2





#71
1,2,3-Trichloropropane
Concen: 0.295 ug/l m
RT: 10.817 min Scan# 2963
Delta R.T. -0.000 min
Lab File: VU061151.D
Acq: 17 Oct 2024 19:07

Instrument : MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024

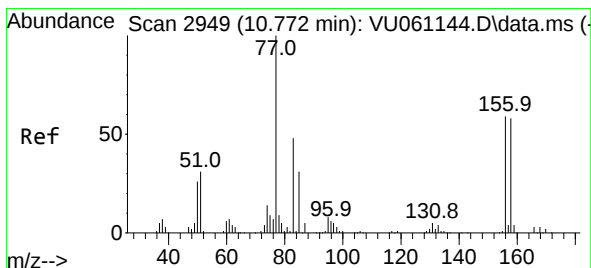
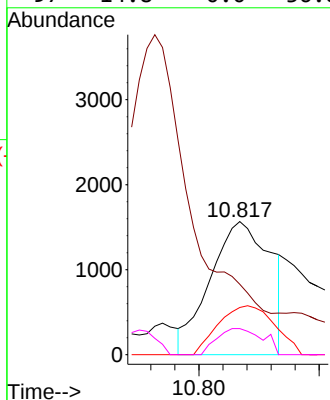
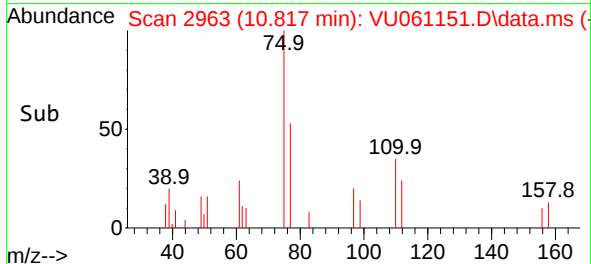


Tgt Ion: 75 Resp: 272

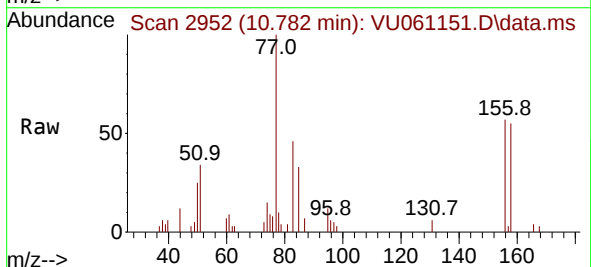
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0
110	34.4	0.0	68.6
97	14.8	0.0	36.8

Manual Integrations
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Reviewed By :Semsettin Yesilyurt 10/21/2024
Supervised By :Mahesh Dadoda 10/21/2024

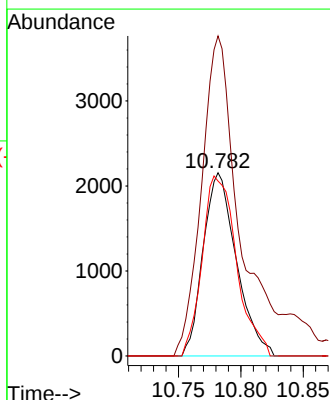
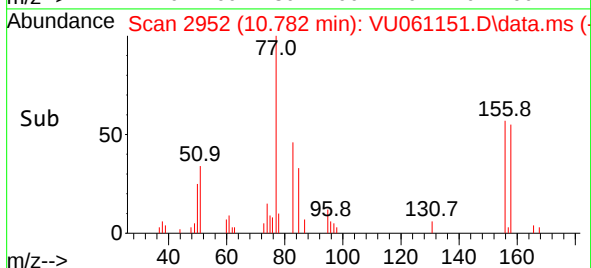


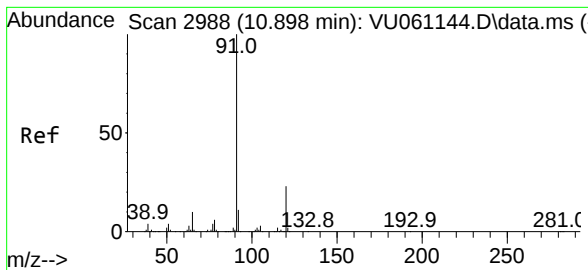
#72
Bromobenzene
Concen: 0.291 ug/l
RT: 10.782 min Scan# 2952
Delta R.T. 0.010 min
Lab File: VU061151.D
Acq: 17 Oct 2024 19:07



Tgt Ion:156 Resp: 4002

Ion	Ratio	Lower	Upper
156	100		
77	199.6	0.0	337.2
158	101.5	0.0	192.8





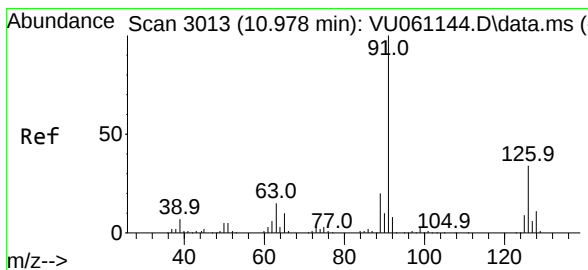
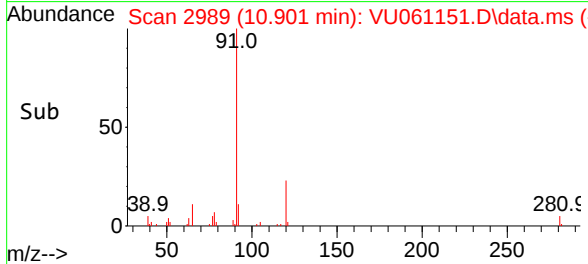
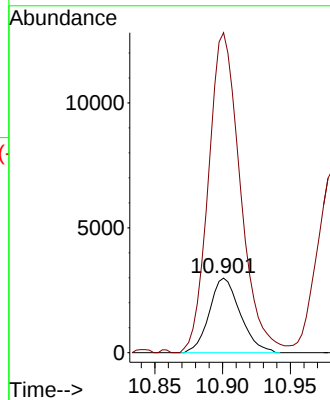
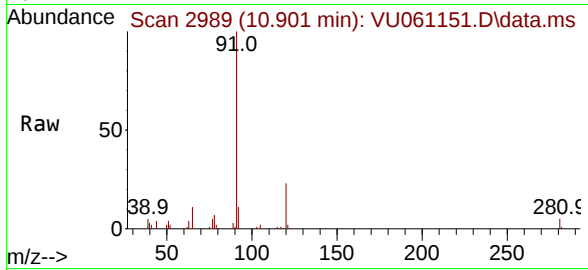
#73
n-propylbenzene
Concen: 0.283 ug/l
RT: 10.901 min Scan# 2988
Delta R.T. 0.003 min
Lab File: VU061151.D
Acq: 17 Oct 2024 19:07

Instrument : MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024

Tgt Ion:120 Resp: 473
Ion Ratio Lower Upper
120 100
91 443.5 353.6 530.4

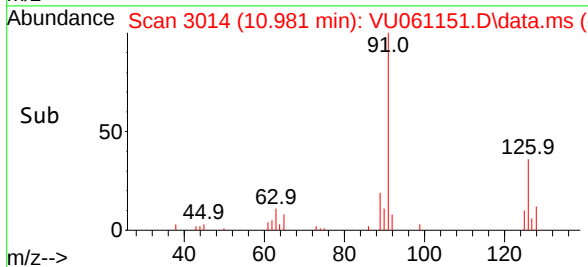
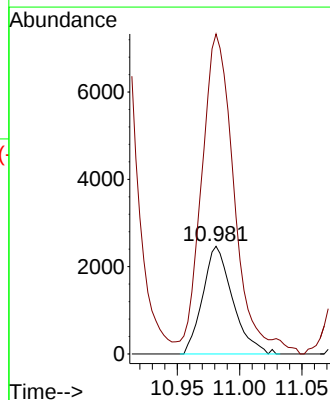
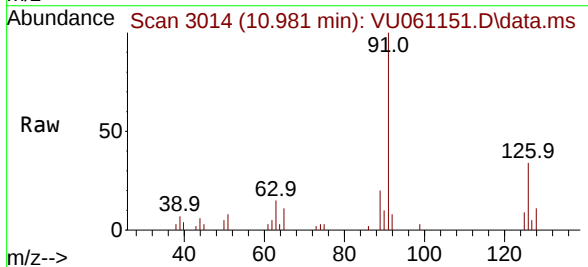
Manual Integrations
APPROVED

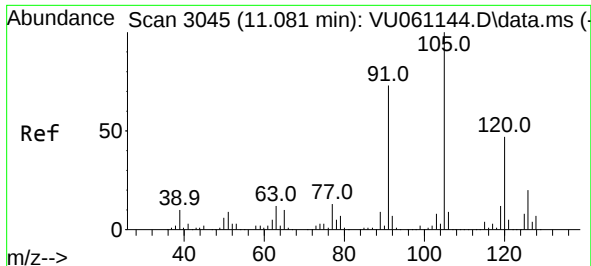
Reviewed By :Semsettin Yesilyurt 10/21/2024
Supervised By :Mahesh Dadoda 10/21/2024



#74
2-Chlorotoluene
Concen: 0.284 ug/l
RT: 10.981 min Scan# 3014
Delta R.T. 0.003 min
Lab File: VU061151.D
Acq: 17 Oct 2024 19:07

Tgt Ion:126 Resp: 4106
Ion Ratio Lower Upper
126 100
91 324.8 0.0 595.2





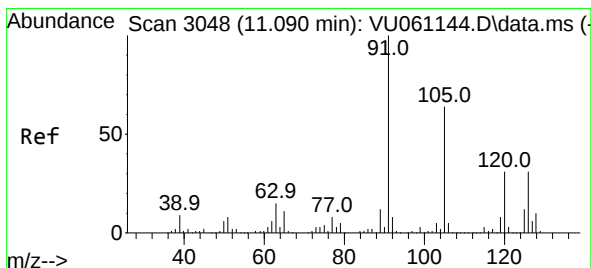
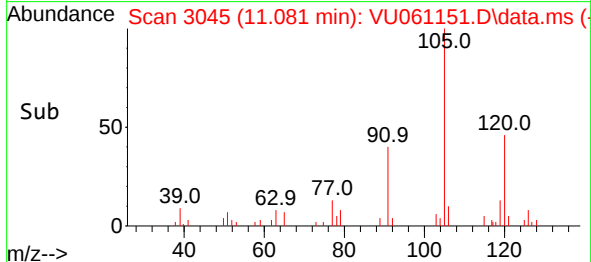
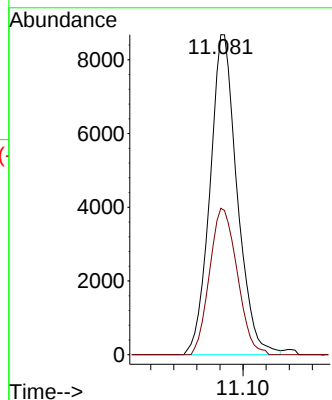
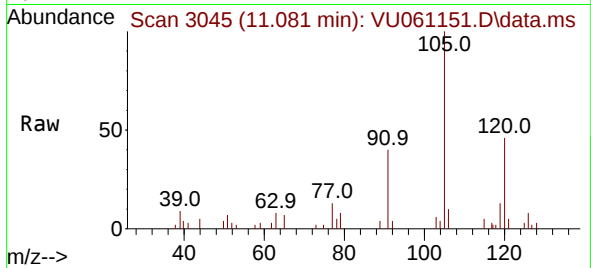
#75
1,3,5-Trimethylbenzene
Concen: 0.275 ug/l
RT: 11.081 min Scan# 3045
Delta R.T. -0.000 min
Lab File: VU061151.D
Acq: 17 Oct 2024 19:07

Instrument : MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024

Tgt Ion:105 Resp: 1418
Ion Ratio Lower Upper
105 100
120 46.5 38.0 57.0

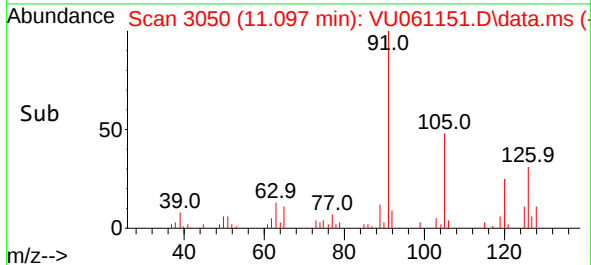
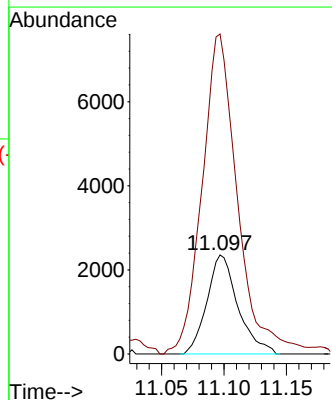
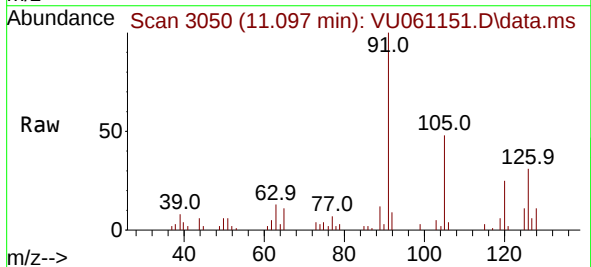
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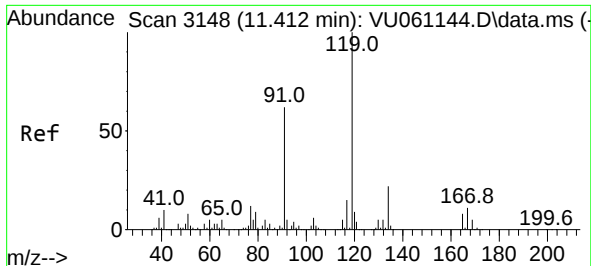
Reviewed By :Semsettin Yesilyurt 10/21/2024
Supervised By :Mahesh Dadoda 10/21/2024



#76
4-Chlorotoluene
Concen: 0.278 ug/l
RT: 11.097 min Scan# 3050
Delta R.T. 0.006 min
Lab File: VU061151.D
Acq: 17 Oct 2024 19:07

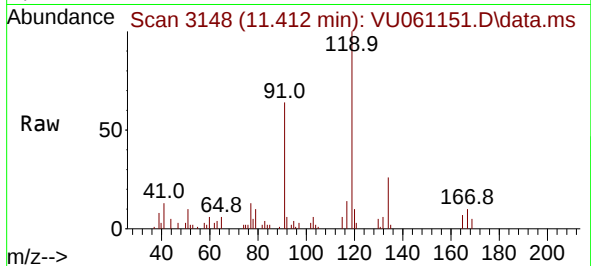
Tgt Ion:126 Resp: 4078
Ion Ratio Lower Upper
126 100
91 368.2 0.0 678.2





#77
tert-Butylbenzene
Concen: 0.291 ug/l
RT: 11.412 min Scan# 3148
Delta R.T. -0.000 min
Lab File: VU061151.D
Acq: 17 Oct 2024 19:07

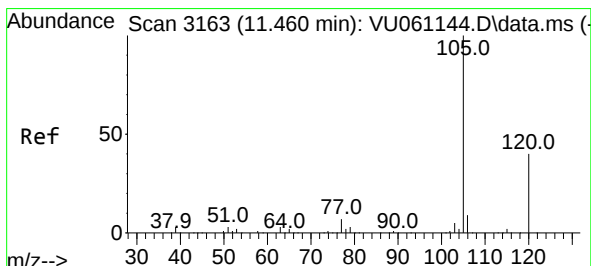
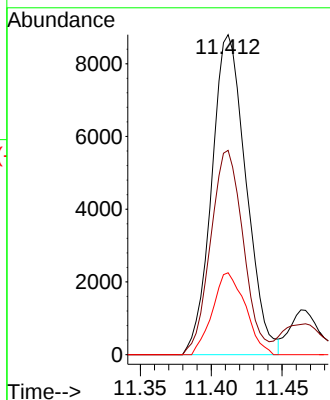
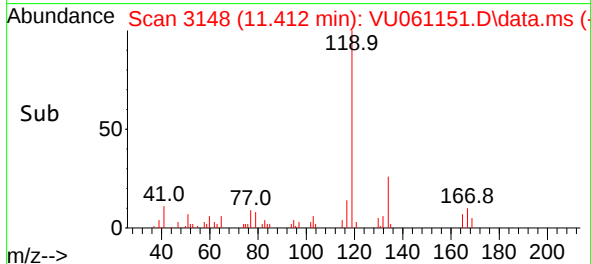
Instrument : MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



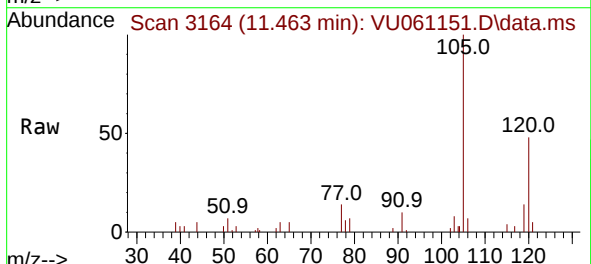
Tgt Ion:119 Resp: 14854
Ion Ratio Lower Upper
119 100
91 60.8 30.1 90.5
134 24.5 17.5 26.3

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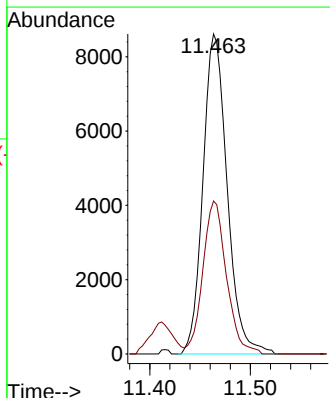
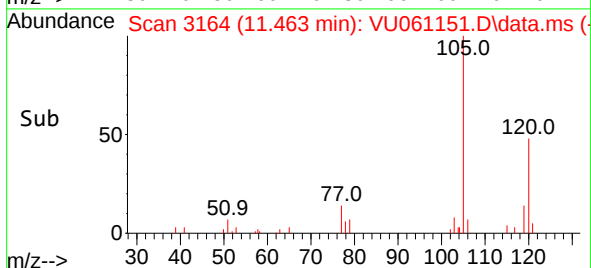
Reviewed By :Semsettin Yesilyurt 10/21/2024
Supervised By :Mahesh Dadoda 10/21/2024

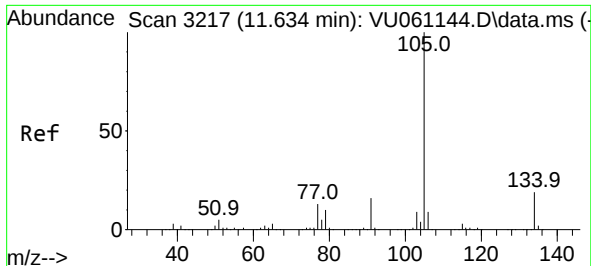


#78
1,2,4-Trimethylbenzene
Concen: 0.277 ug/l
RT: 11.463 min Scan# 3164
Delta R.T. 0.003 min
Lab File: VU061151.D
Acq: 17 Oct 2024 19:07



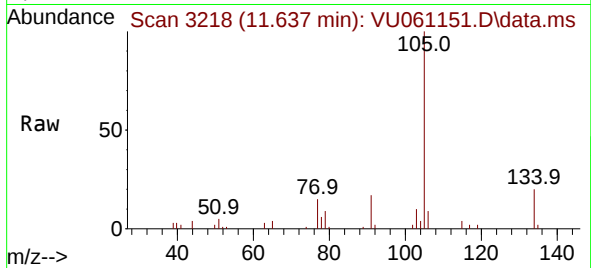
Tgt Ion:105 Resp: 14424
Ion Ratio Lower Upper
105 100
120 46.6 22.3 66.9





#79
 sec-Butylbenzene
 Concen: 0.272 ug/l
 RT: 11.637 min Scan# 3217
 Delta R.T. 0.003 min
 Lab File: VU061151.D
 Acq: 17 Oct 2024 19:07

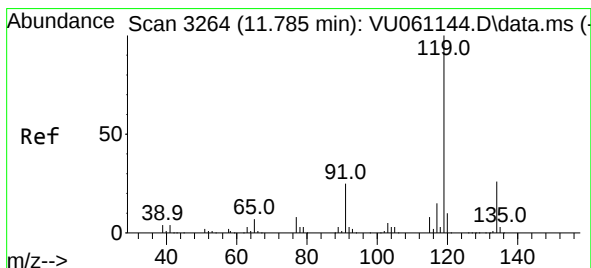
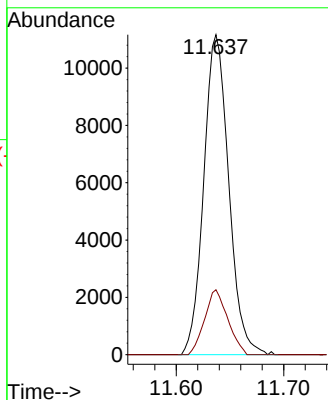
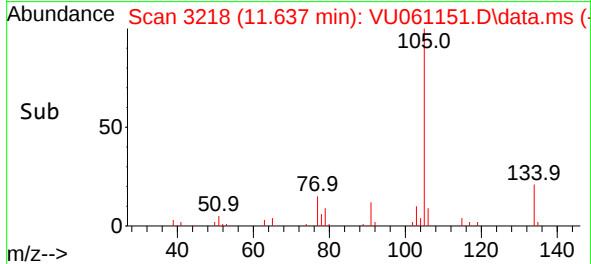
Instrument :
 MSVOA_U
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2024



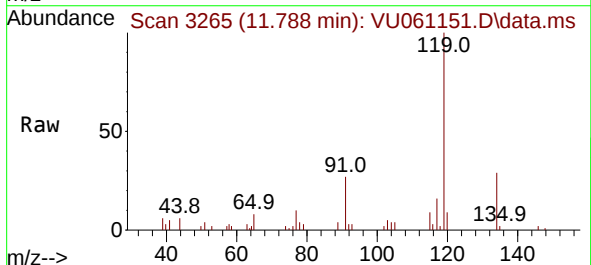
Tgt Ion:105 Resp: 1805
 Ion Ratio Lower Upper
 105 100
 134 18.7 15.5 23.3

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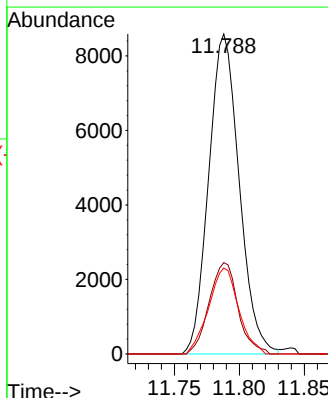
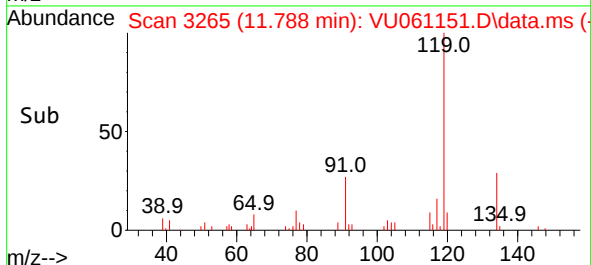
Reviewed By :Semsettin Yesilyurt 10/21/2024
 Supervised By :Mahesh Dadoda 10/21/2024

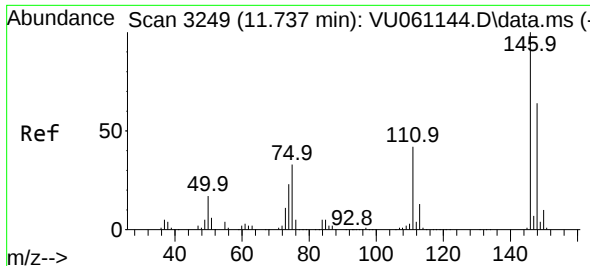


#81
 p-Isopropyltoluene
 Concen: 0.254 ug/l
 RT: 11.788 min Scan# 3265
 Delta R.T. 0.003 min
 Lab File: VU061151.D
 Acq: 17 Oct 2024 19:07



Tgt Ion:119 Resp: 13997
 Ion Ratio Lower Upper
 119 100
 134 26.9 21.0 31.6
 91 26.4 19.8 29.8





#82

1,3-Dichlorobenzene

Concen: 0.289 ug/l

RT: 11.743 min Scan# 31

Delta R.T. 0.006 min

Lab File: VU061151.D

Acq: 17 Oct 2024 19:07

Instrument :

MSVOA_U

ClientSampleId :

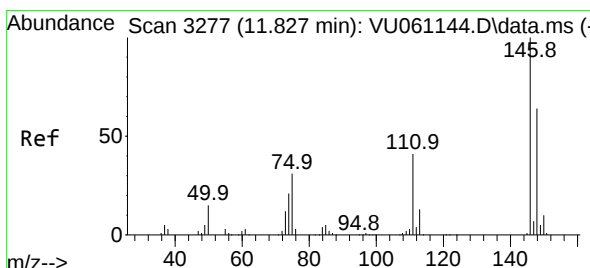
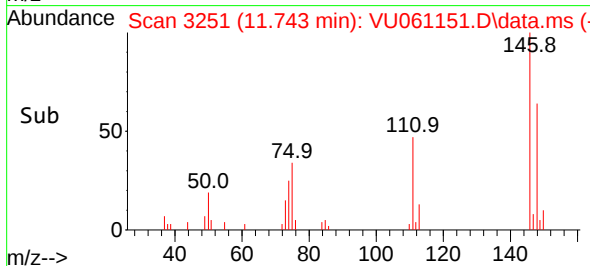
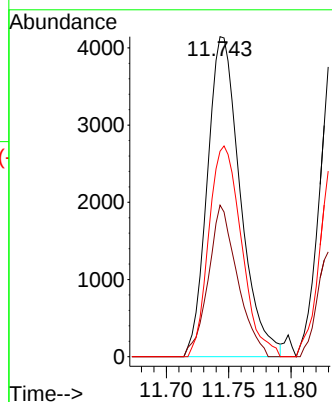
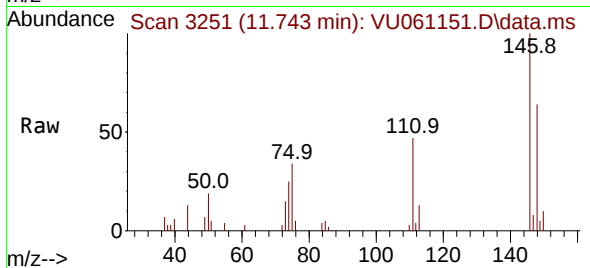
LOD-MDL-WATER-01-QT4-2024

Tgt Ion:146	Resp:	762
Ion Ratio	Lower	Upper
146	100	
111	41.9	34.1 51.1
148	65.4	51.2 76.8

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 10/21/2024
Supervised By :Mahesh Dadoda 10/21/2024



#83

1,4-Dichlorobenzene

Concen: 0.311 ug/l

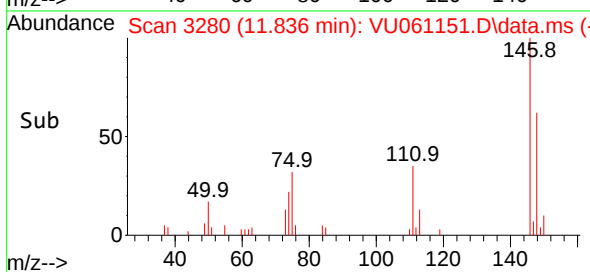
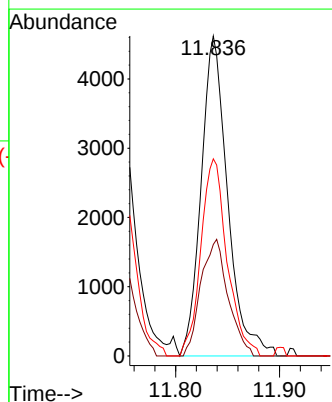
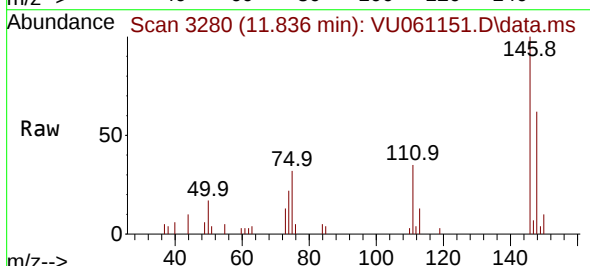
RT: 11.836 min Scan# 3280

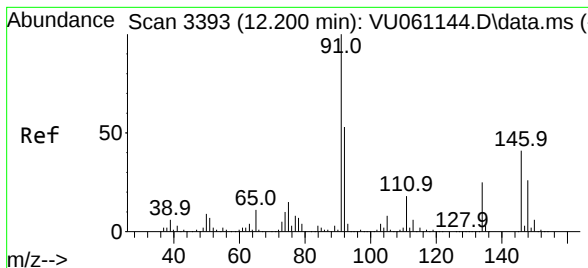
Delta R.T. 0.010 min

Lab File: VU061151.D

Acq: 17 Oct 2024 19:07

Tgt Ion:146	Resp:	8186
Ion Ratio	Lower	Upper
146	100	
111	37.5	32.1 48.1
148	61.1	50.3 75.5





#84

n-Butylbenzene

Concen: 0.247 ug/l

RT: 12.206 min Scan# 3395

Delta R.T. 0.006 min

Lab File: VU061151.D

Acq: 17 Oct 2024 19:07

Instrument :

MSVOA_U

ClientSampleId :

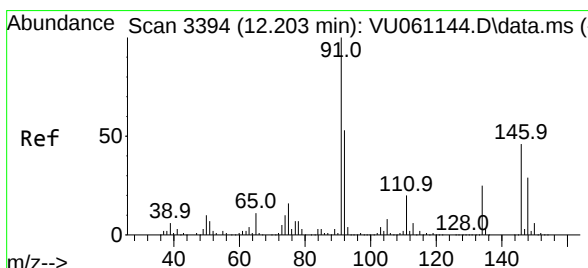
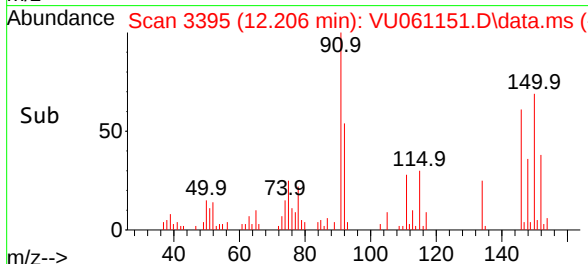
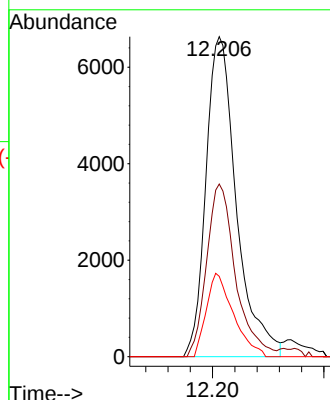
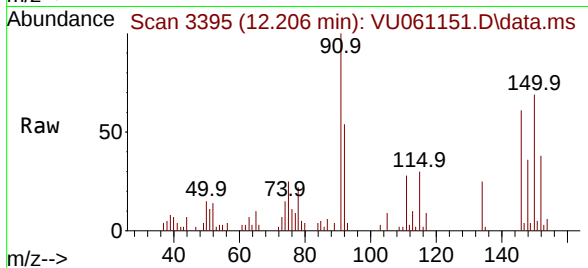
LOD-MDL-WATER-01-QT4-2024

Tgt Ion: 91	Resp: 1259
Ion Ratio	Lower Upper
91	100
92	51.3 41.8 62.8
134	23.1 19.7 29.5

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 10/21/2024
Supervised By :Mahesh Dadoda 10/21/2024



#85

1,2-Dichlorobenzene

Concen: 0.302 ug/l

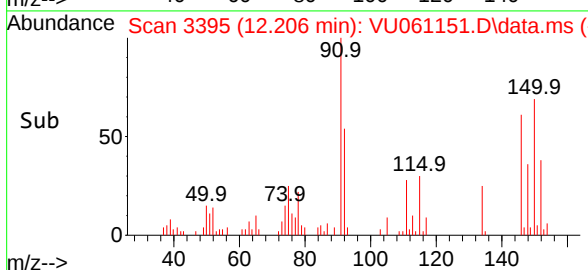
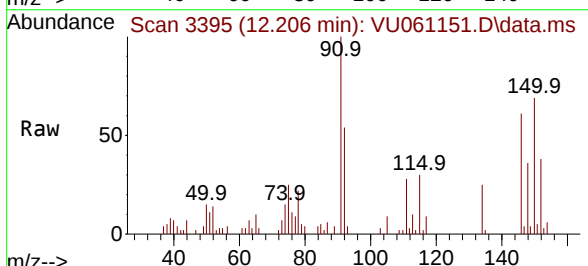
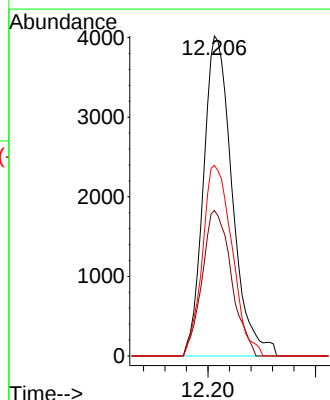
RT: 12.206 min Scan# 3395

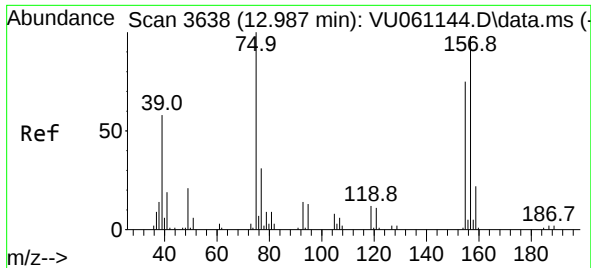
Delta R.T. 0.003 min

Lab File: VU061151.D

Acq: 17 Oct 2024 19:07

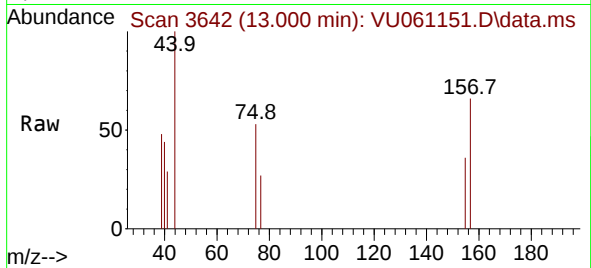
Tgt Ion:146	Resp: 7461
Ion Ratio	Lower Upper
146	100
111	46.2 21.9 65.7
148	61.2 31.9 95.5





#86
1,2-Dibromo-3-Chloropropane
Concen: 0.293 ug/l
RT: 13.000 min Scan# 30
Delta R.T. 0.013 min
Lab File: VU061151.D
Acq: 17 Oct 2024 19:07

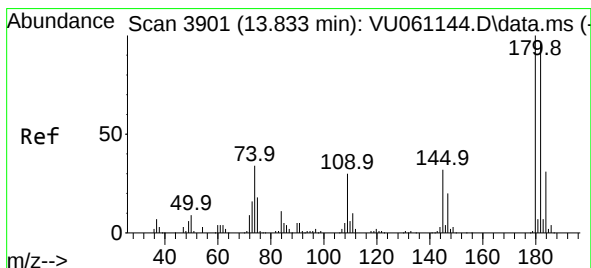
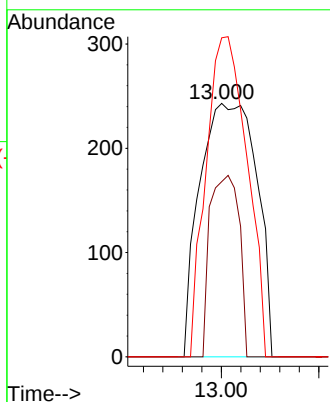
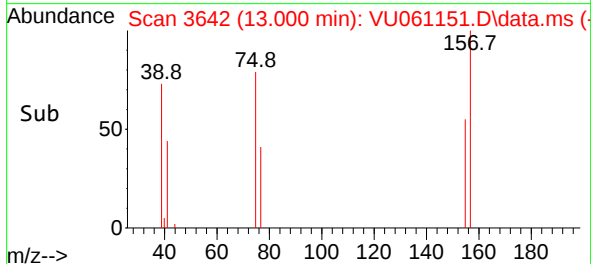
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



Tgt Ion: 75 Resp: 49
Ion Ratio Lower Upper
75 100
155 36.5 61.4 92.0
157 90.9 78.5 117.7

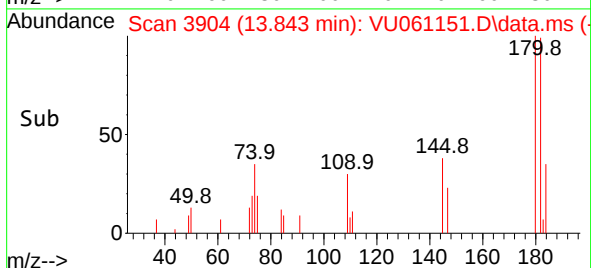
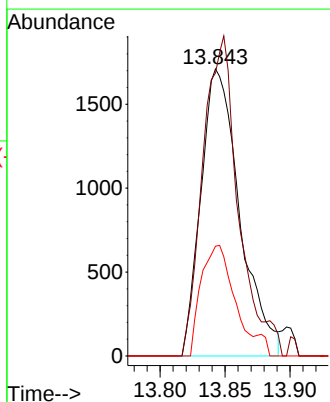
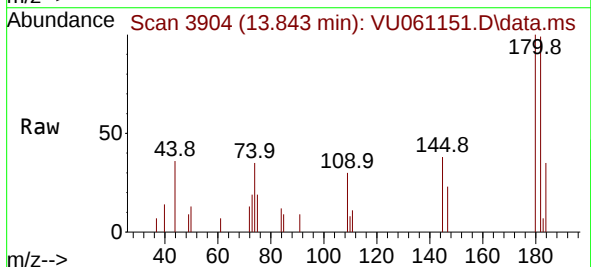
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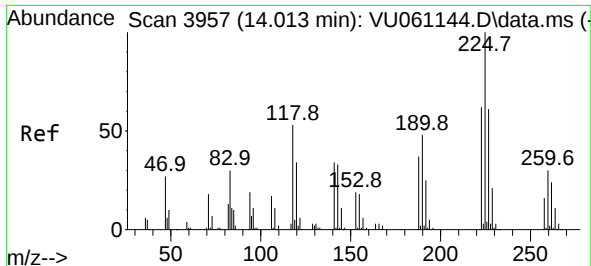
Reviewed By :Semsettin Yesilyurt 10/21/2024
Supervised By :Mahesh Dadoda 10/21/2024



#87
1,2,4-Trichlorobenzene
Concen: 0.252 ug/l
RT: 13.843 min Scan# 3904
Delta R.T. 0.010 min
Lab File: VU061151.D
Acq: 17 Oct 2024 19:07

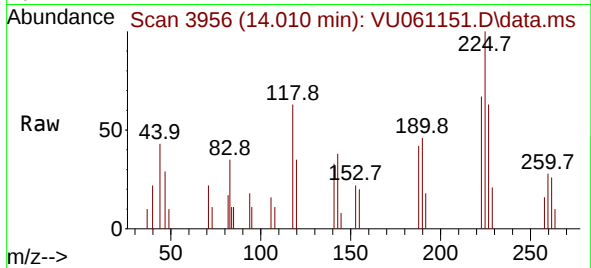
Tgt Ion:180 Resp: 3557
Ion Ratio Lower Upper
180 100
182 101.8 77.0 115.6
145 34.4 25.7 38.5





#88
Hexachlorobutadiene
Concen: 0.266 ug/l
RT: 14.010 min Scan# 3957
Delta R.T. -0.003 min
Lab File: VU061151.D
Acq: 17 Oct 2024 19:07

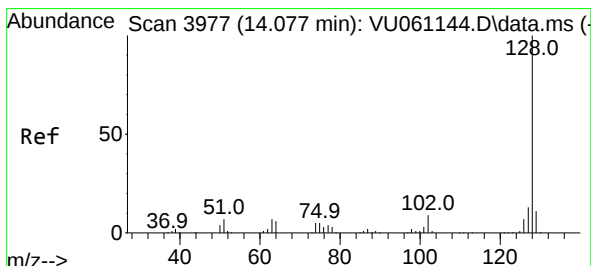
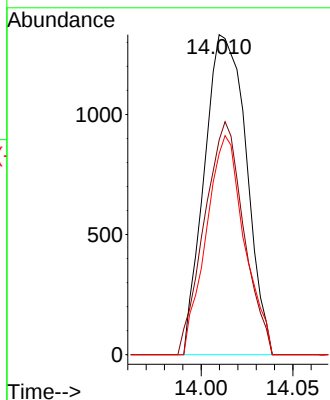
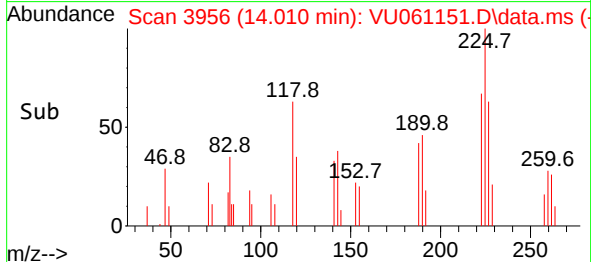
Instrument : MSVOA_U
ClientSampleId : LOD-MDL-WATER-01-QT4-2024



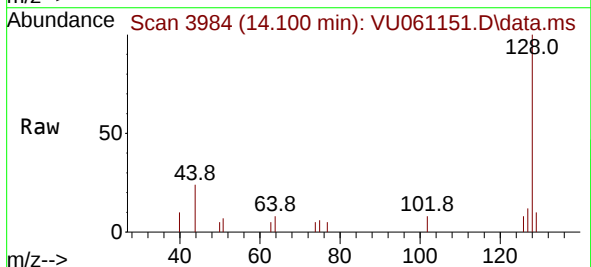
Tgt Ion:225 Resp: 2120
Ion Ratio Lower Upper
225 100
223 68.2 51.4 77.2
227 62.1 50.3 75.5

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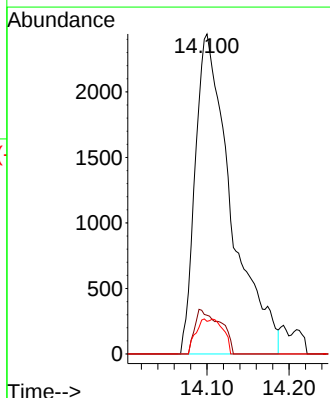
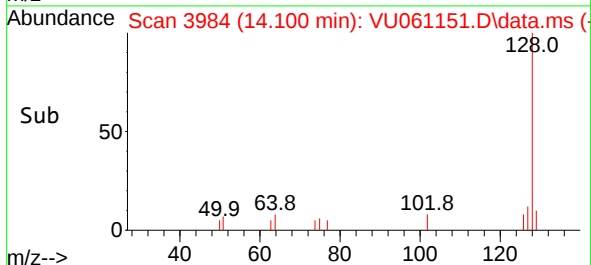
Reviewed By :Semsettin Yesilyurt 10/21/2024
Supervised By :Mahesh Dadoda 10/21/2024

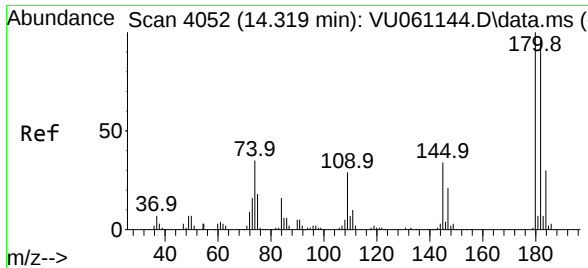


#89
Naphthalene
Concen: 0.298 ug/l
RT: 14.100 min Scan# 3984
Delta R.T. 0.022 min
Lab File: VU061151.D
Acq: 17 Oct 2024 19:07



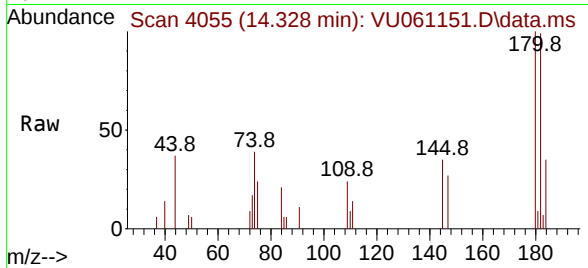
Tgt Ion:128 Resp: 7429
Ion Ratio Lower Upper
128 100
127 9.9 10.6 16.0#
129 3.6 8.7 13.1#





#90
 1,2,3-Trichlorobenzene
 Concen: 0.279 ug/l
 RT: 14.328 min Scan# 4055
 Delta R.T. 0.010 min
 Lab File: VU061151.D
 Acq: 17 Oct 2024 19:07

Instrument : MSVOA_U
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2024



Tgt Ion:180 Resp: 3549
 Ion Ratio Lower Upper
 180 100
 182 96.2 76.2 114.4
 145 28.4 26.8 40.2

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Reviewed By :Semsettin Yesilyurt 10/21/2024
 Supervised By :Mahesh Dadoda 10/21/2024

