

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101824\
 Data File : VU061162.D
 Acq On : 18 Oct 2024 13:49
 Operator : MD/SY
 Sample : P4368-07
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

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

Quant Time: Oct 19 00:13:38 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U101724DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Sat Oct 19 00:10:10 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 10/25/2024
 Supervised By :Semsettin Yesilyurt 10/25/2024

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

Internal Standards						
1) Fluorobenzene	6.110	96	26769	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.631	95	13073	0.919	ug/l	0.00
Spiked Amount 1.000			Recovery	=	92.000%	
68) 1,2-Dichlorobenzene-d4	12.187	152	13376	0.954	ug/l	0.00
Spiked Amount 1.000			Recovery	=	95.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.383	85	3113	0.211	ug/l	98
3) Chloromethane	1.515	50	3460	0.247	ug/l	93
4) Vinyl Chloride	1.599	62	3051	0.212	ug/l	94
5) Bromomethane	1.853	94	2199	0.243	ug/l	86
6) Chloroethane	1.930	64	2317	0.240	ug/l	97
7) Trichlorofluoromethane	2.133	101	4611	0.225	ug/l	95
8) 1,1,2-Trichloro-1,2,2-...	2.573	101	2396	0.235	ug/l	94
9) 1,1-Dichloroethene	2.573	96	2519	0.237	ug/l	88
11) Allyl Chloride	2.920	41	3530	0.258	ug/l	99
12) Acrylonitrile	3.354	53	850	0.398	ug/l	# 62
13) Acetone	2.647	43	3941m	1.415	ug/l	
14) Carbon Disulfide	2.789	76	8679	0.237	ug/l	99
15) Methylene Chloride	3.036	84	4173	0.304	ug/l	90
16) trans-1,2-Dichloroethene	3.351	96	2878	0.231	ug/l	91
17) 1,1-Dichloroethane	3.859	63	4810	0.218	ug/l	# 92
18) 2-Butanone	4.772	43	3880m	1.137	ug/l	
19) Cyclohexane	5.383	56	4600m	0.233	ug/l	
20) Methylcyclohexane	6.753	83	4707	0.213	ug/l	96
21) 2,2-Dichloropropane	4.657	77	4415	0.217	ug/l	98
22) cis-1,2-Dichloroethene	4.673	96	3074	0.227	ug/l	97
23) Diethyl Ether	2.371	59	1807	0.219	ug/l	95
24) tert-Butyl Alcohol	3.274	59	1919m	2.228	ug/l	
25) Methyl tert-Butyl Ether	3.351	73	6270	0.220	ug/l	# 89
26) Bromochloromethane	4.972	128	1216	0.214	ug/l	93
27) Chloroform	5.081	83	5694	0.246	ug/l	91
28) 1,1,1-Trichloroethane	5.309	97	4607	0.226	ug/l	94
29) 1,1-Dichloropropene	5.525	75	3707	0.205	ug/l	97
31) Isopropyl Ether	3.985	45	6837	0.217	ug/l	90
32) Ethyl-t-butyl ether	4.489	59	6808m	0.210	ug/l	
33) Tert-Amyl methyl ether	5.936	73	6612	0.227	ug/l	94
34) Propionitrile	4.850	54	645m	0.793	ug/l	
35) Benzene	5.769	78	11686	0.230	ug/l	93
36) 1,2-Dichloroethane	5.792	62	3166	0.221	ug/l	98
37) Trichloroethene	6.538	130	3140	0.232	ug/l	94
38) 1,2-Dichloropropane	6.788	63	2850	0.221	ug/l	98
41) Tetrahydrofuran	5.084	42	867m	0.493	ug/l	
42) 1-Chlorobutane	5.454	56	5086	0.220	ug/l	96
43) Dibromomethane	6.920	93	1487	0.223	ug/l	96
44) Bromodichloromethane	7.100	83	3491	0.215	ug/l	# 97
45) 4-Methyl-2-Pentanone	7.792	43	7327	1.094	ug/l	96
46) t-1,4-Dichloro-2-butene	10.833	75	1403m	0.525	ug/l	
47) Methyl methacrylate	6.975	69	2389	0.412	ug/l	96
49) Toluene	7.968	92	7293	0.227	ug/l	95

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 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
50) t-1,3-Dichloropropene	8.213	75	3273	0.209	ug/l	94
51) cis-1,3-Dichloropropene	7.608	75	4259	0.222	ug/l	97
53) 1,3-Dichloropropane	8.573	76	3666	0.232	ug/l	98
54) 2-Hexanone	8.698	43	6441m	1.170	ug/l	
55) Dibromochloromethane	8.804	129	2187	0.206	ug/l	100
58) Tetrachloroethene	8.547	164	2722	0.237	ug/l	92
59) Chlorobenzene	9.444	112	7958	0.230	ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.525	131	2668	0.229	ug/l	95
61) Pentachloroethane	11.418	117	1789	0.200	ug/l	96
63) Ethyl Benzene	9.566	91	13277	0.214	ug/l	100
64) m/p-Xylenes	9.692	106	9763	0.414	ug/l	90
65) o-Xylene	10.097	106	5044	0.217	ug/l	87
69) Isopropylbenzene	10.480	105	12089	0.219	ug/l	97
70) 1,1,2,2-Tetrachloroethane	10.775	83	2454	0.224	ug/l #	96
71) 1,2,3-Trichloropropane	10.820	75	2190m	0.246	ug/l	
72) Bromobenzene	10.782	156	2961	0.223	ug/l	83
74) 2-Chlorotoluene	10.981	126	3094	0.222	ug/l	91
75) 1,3,5-Trimethylbenzene	11.081	105	10530	0.211	ug/l	96
76) 4-Chlorotoluene	11.097	126	3089	0.218	ug/l	99
77) tert-Butylbenzene	11.412	119	10633	0.216	ug/l	97
78) 1,2,4-Trimethylbenzene	11.463	105	10729	0.213	ug/l	98
79) sec-Butylbenzene	11.637	105	13661	0.213	ug/l	97
81) p-Isopropyltoluene	11.785	119	10926	0.206	ug/l	98
82) 1,3-Dichlorobenzene	11.743	146	5327	0.209	ug/l	98
83) 1,4-Dichlorobenzene	11.836	146	5870	0.231	ug/l	97
85) 1,2-Dichlorobenzene	12.209	146	5436	0.228	ug/l	97
87) 1,2,4-Trichlorobenzene	13.843	180	2934	0.215	ug/l	85
88) Hexachlorobutadiene	14.016	225	1710	0.222	ug/l	93
89) Naphthalene	14.100	128	6101	0.254	ug/l #	86
90) 1,2,3-Trichlorobenzene	14.331	180	2937	0.240	ug/l	98

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

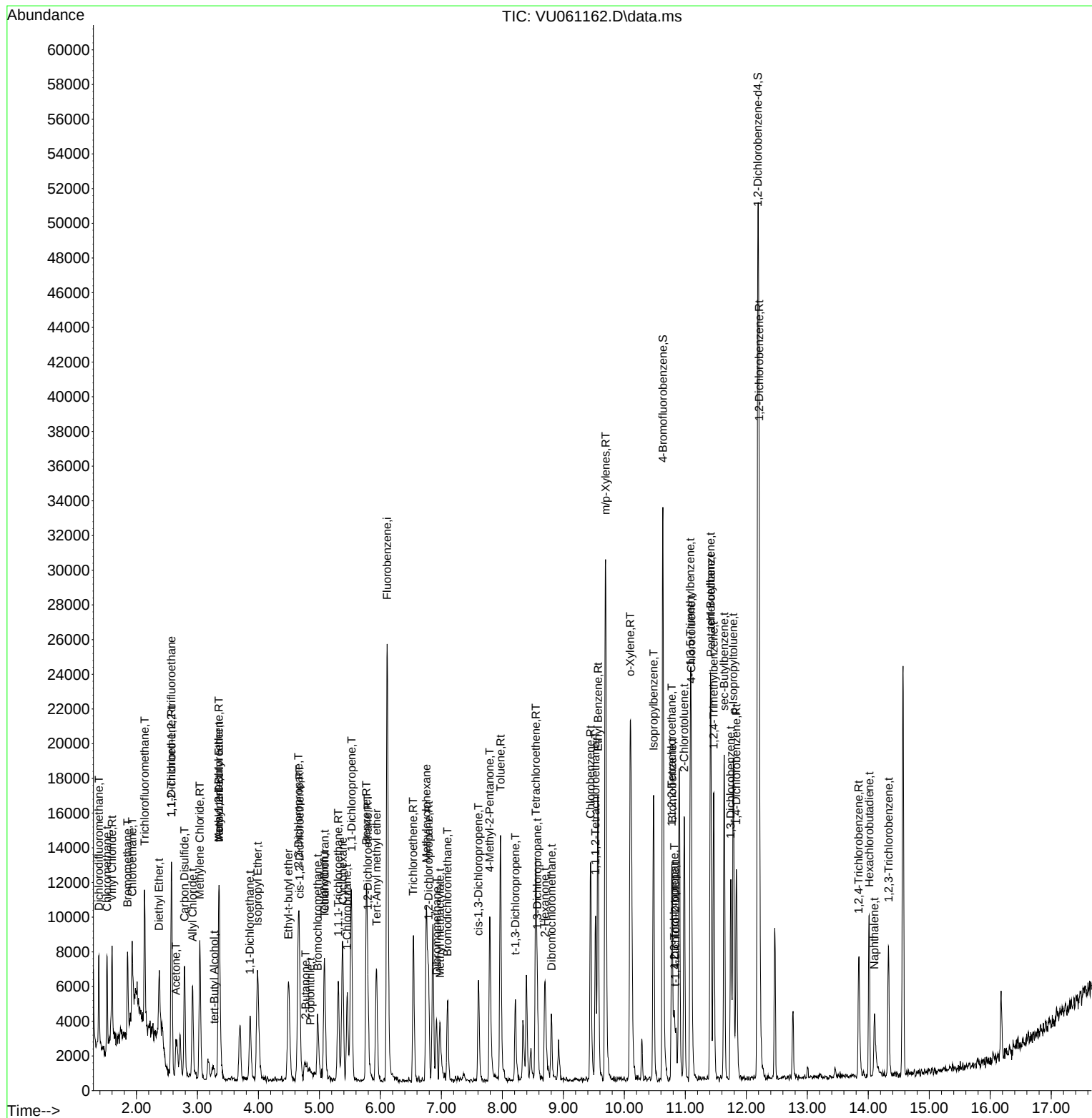
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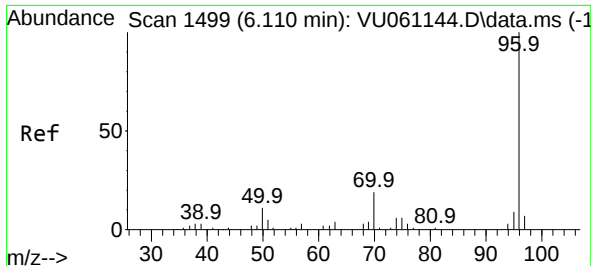
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024

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Supervised By :Semsettin Yesilyurt 10/25/2024

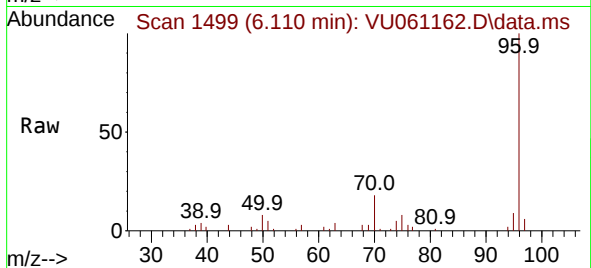
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Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
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#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.110 min Scan# 1499
Delta R.T. -0.000 min
Lab File: VU061162.D
Acq: 18 Oct 2024 13:49

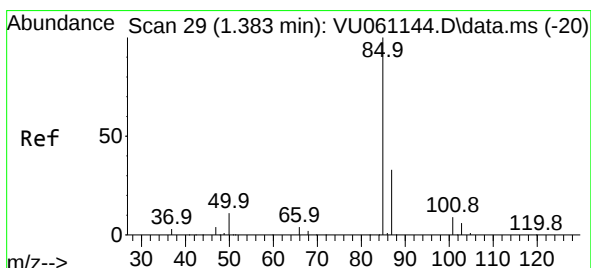
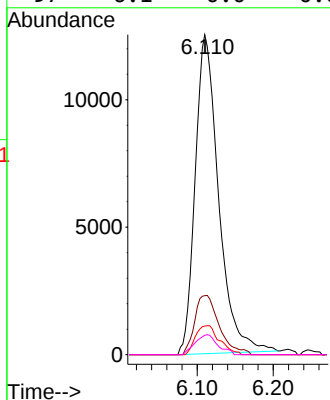
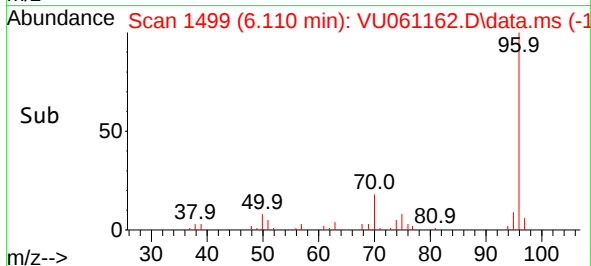
Instrument : MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



Tgt Ion: 96 Resp: 26769
Ion Ratio Lower Upper
96 100
70 19.4 16.1 24.1
95 9.2 0.0 0.0
97 6.1 0.0 0.0

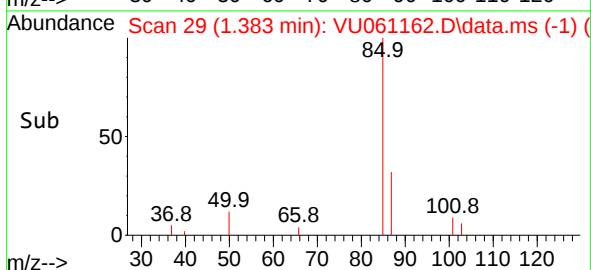
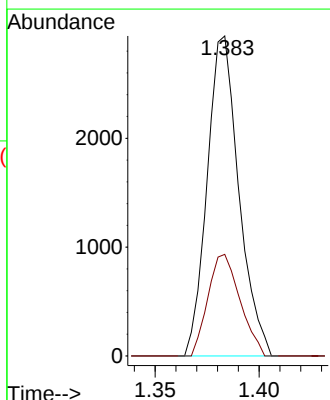
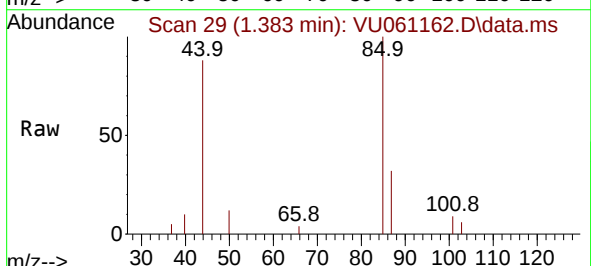
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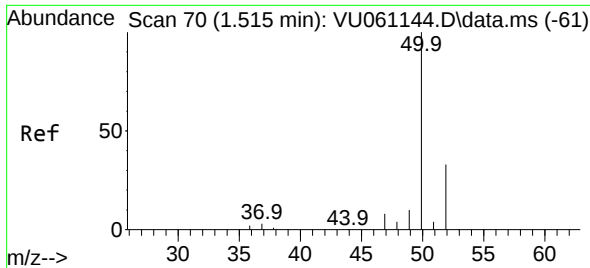
Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024



#2
Dichlorodifluoromethane
Concen: 0.211 ug/l
RT: 1.383 min Scan# 29
Delta R.T. -0.000 min
Lab File: VU061162.D
Acq: 18 Oct 2024 13:49

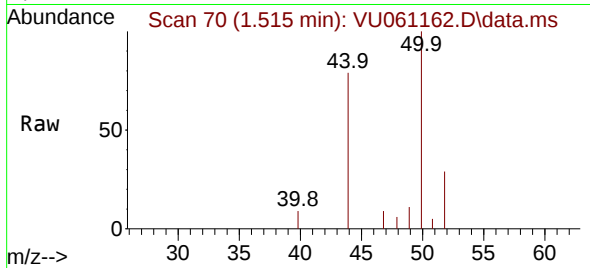
Tgt Ion: 85 Resp: 3113
Ion Ratio Lower Upper
85 100
87 31.7 16.3 48.9





#3
Chloromethane
Concen: 0.247 ug/l
RT: 1.515 min Scan# 70
Delta R.T. -0.000 min
Lab File: VU061162.D
Acq: 18 Oct 2024 13:49

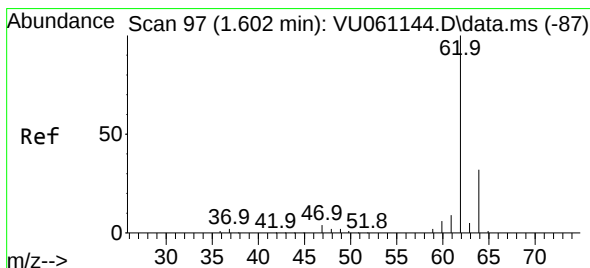
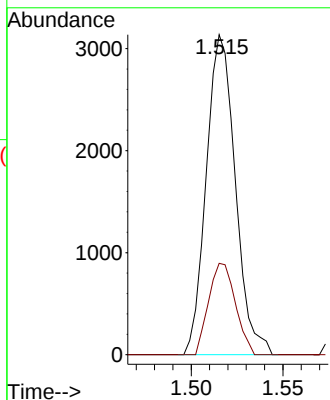
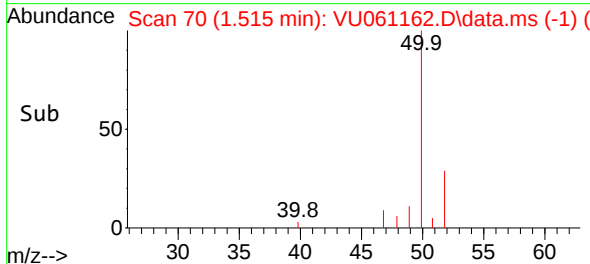
Instrument : MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



Tgt Ion: 50 Resp: 3460
Ion Ratio Lower Upper
50 100
52 28.5 26.2 39.2

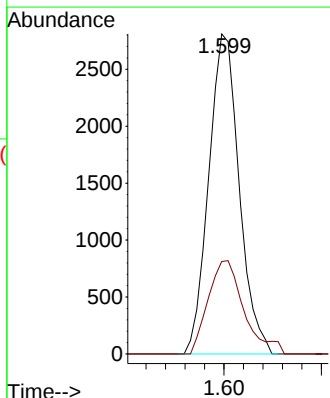
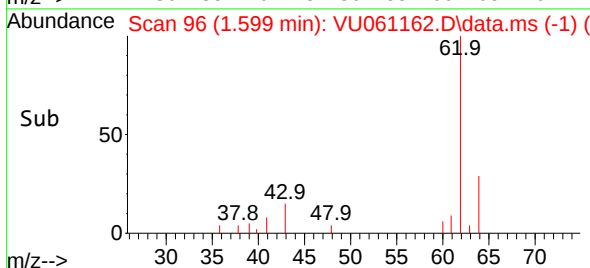
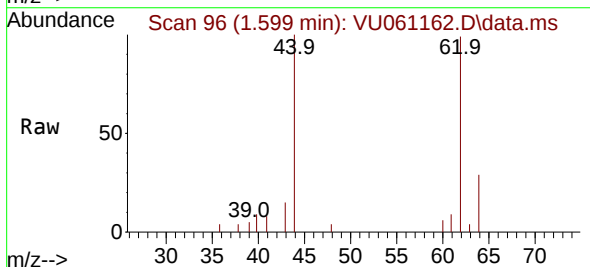
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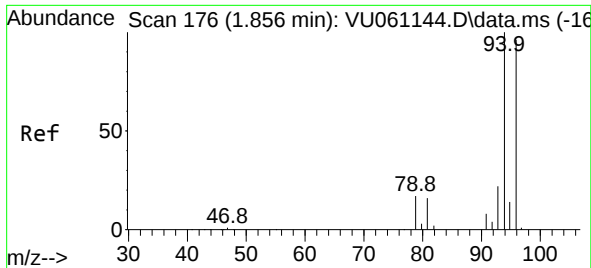
Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024



#4
Vinyl Chloride
Concen: 0.212 ug/l
RT: 1.599 min Scan# 96
Delta R.T. -0.003 min
Lab File: VU061162.D
Acq: 18 Oct 2024 13:49

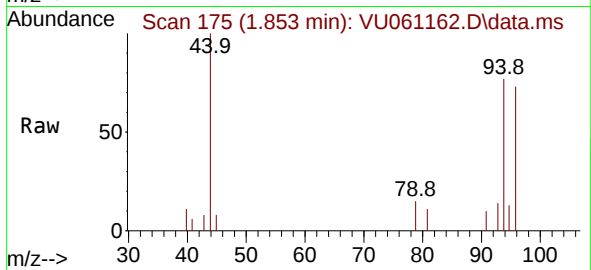
Tgt Ion: 62 Resp: 3051
Ion Ratio Lower Upper
62 100
64 28.9 25.9 38.9





#5
Bromomethane
Concen: 0.243 ug/l
RT: 1.853 min Scan# 175
Delta R.T. -0.003 min
Lab File: VU061162.D
Acq: 18 Oct 2024 13:49

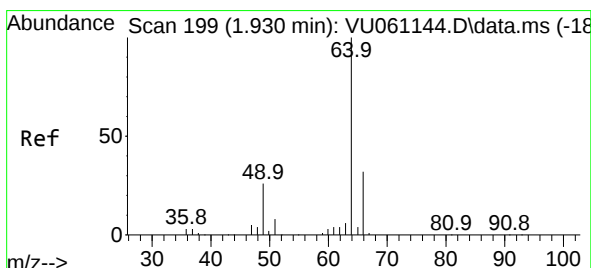
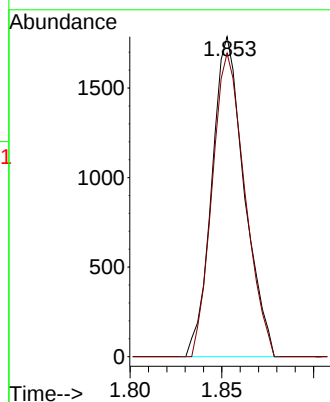
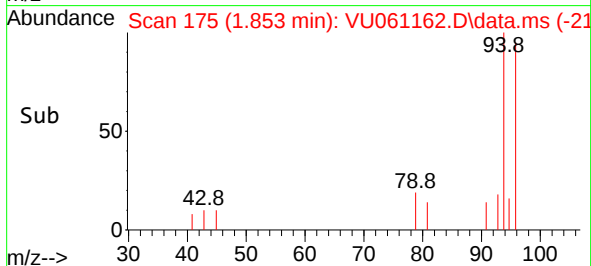
Instrument : MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



Tgt Ion: 94 Resp: 2199
Ion Ratio Lower Upper
94 100
96 81.5 76.5 114.7

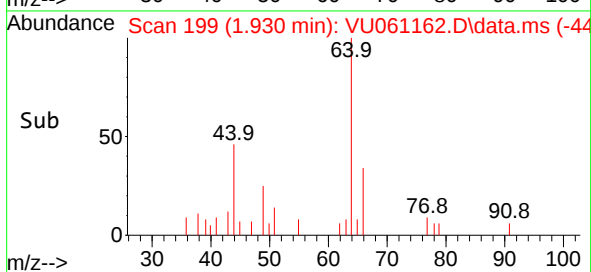
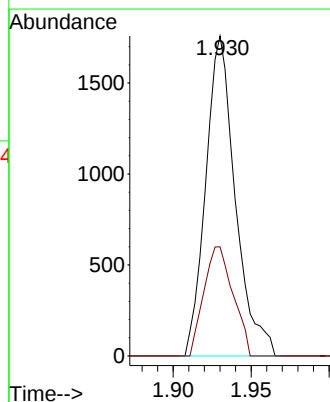
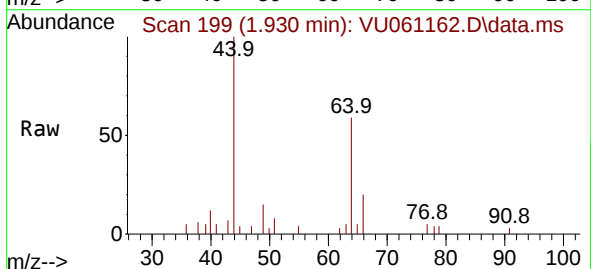
Manual Integrations
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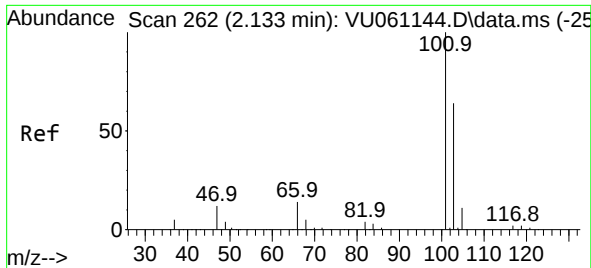
Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024



#6
Chloroethane
Concen: 0.240 ug/l
RT: 1.930 min Scan# 199
Delta R.T. -0.000 min
Lab File: VU061162.D
Acq: 18 Oct 2024 13:49

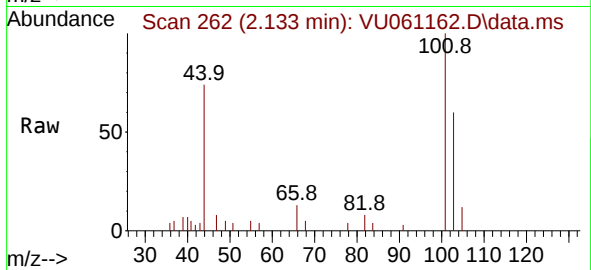
Tgt Ion: 64 Resp: 2317
Ion Ratio Lower Upper
64 100
66 34.1 25.8 38.8





#7
Trichlorofluoromethane
Concen: 0.225 ug/l
RT: 2.133 min Scan# 201
Delta R.T. -0.000 min
Lab File: VU061162.D
Acq: 18 Oct 2024 13:49

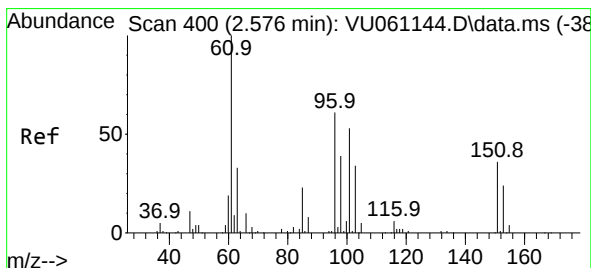
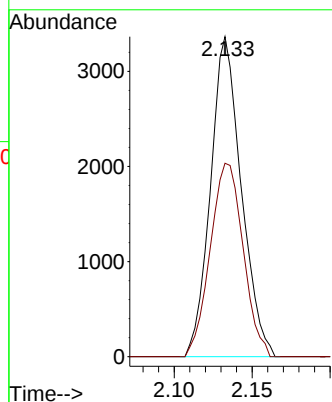
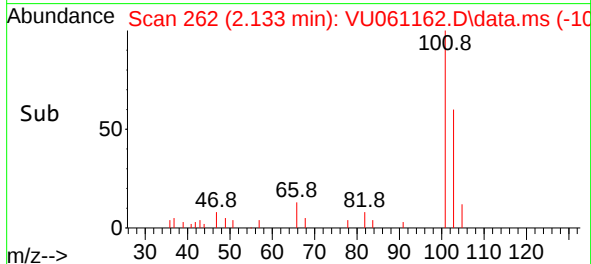
Instrument :
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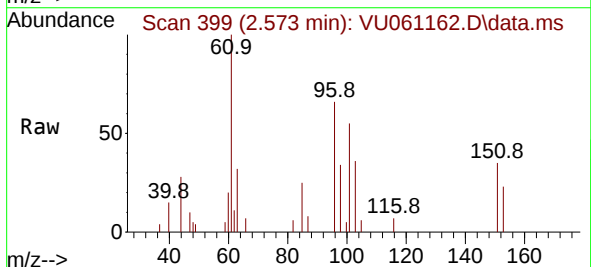
Tgt Ion:101 Resp: 461
Ion Ratio Lower Upper
101 100
103 60.5 51.5 77.3

Manual Integrations
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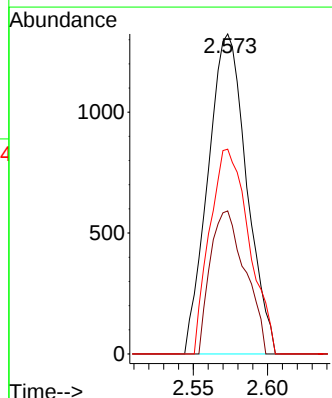
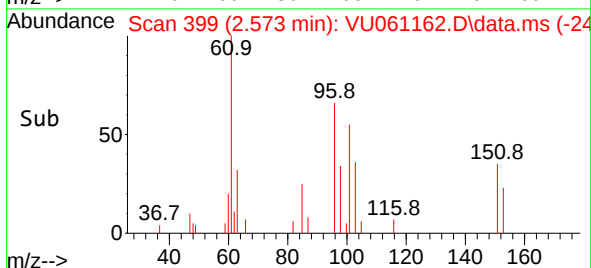
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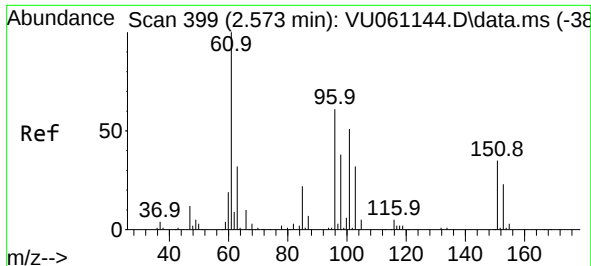


#8
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.235 ug/l
RT: 2.573 min Scan# 399
Delta R.T. -0.003 min
Lab File: VU061162.D
Acq: 18 Oct 2024 13:49



Tgt Ion:101 Resp: 2396
Ion Ratio Lower Upper
101 100
85 40.5 35.8 53.8
151 65.2 56.2 84.4





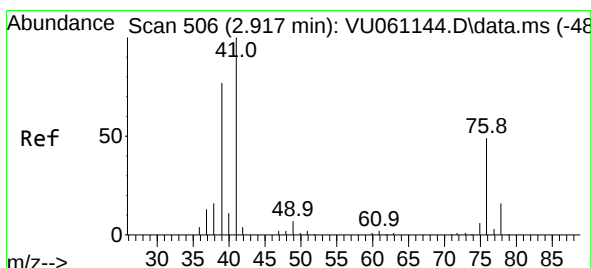
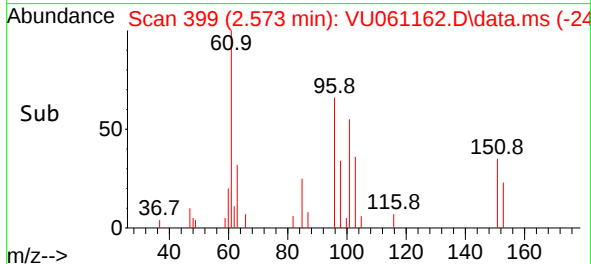
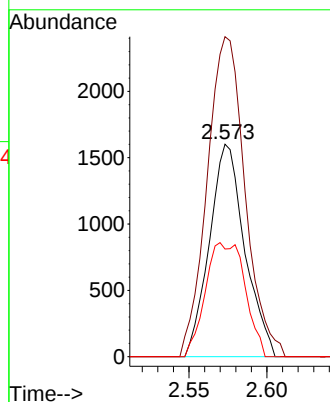
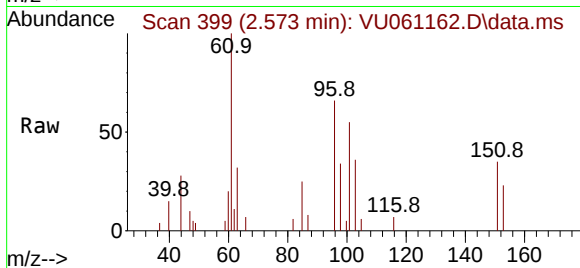
#9
1,1-Dichloroethene
Concen: 0.237 ug/l
RT: 2.573 min Scan# 399
Delta R.T. -0.000 min
Lab File: VU061162.D
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ClientSampleId :
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Tgt Ion:	96	Resp:	2519
Ion	Ratio	Lower	Upper
96	100		
61	150.6	0.0	494.4
98	50.7	0.0	124.4

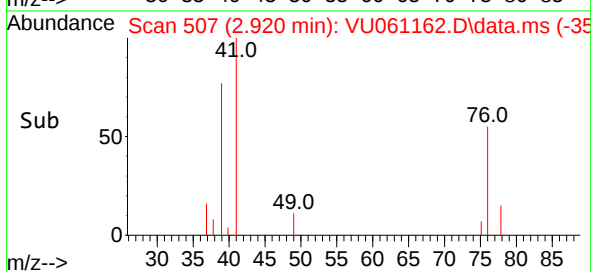
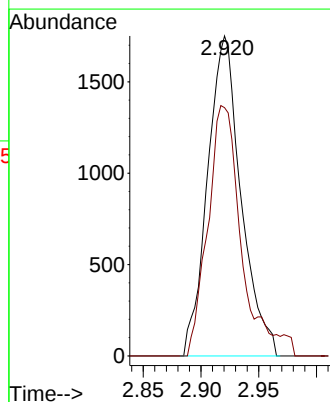
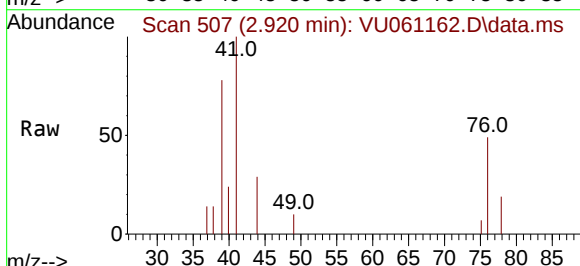
Manual Integrations
APPROVED

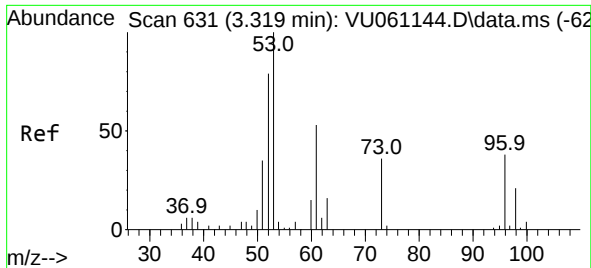
Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024



#11
Allyl Chloride
Concen: 0.258 ug/l
RT: 2.920 min Scan# 507
Delta R.T. 0.003 min
Lab File: VU061162.D
Acq: 18 Oct 2024 13:49

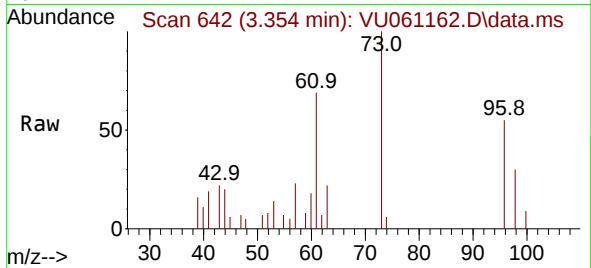
Tgt Ion:	41	Resp:	3530
Ion	Ratio	Lower	Upper
41	100		
39	78.6	62.4	93.6





#12
Acrylonitrile
Concen: 0.398 ug/l
RT: 3.354 min Scan# 642
Delta R.T. 0.035 min
Lab File: VU061162.D
Acq: 18 Oct 2024 13:49

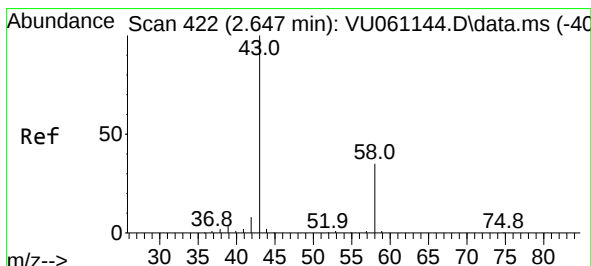
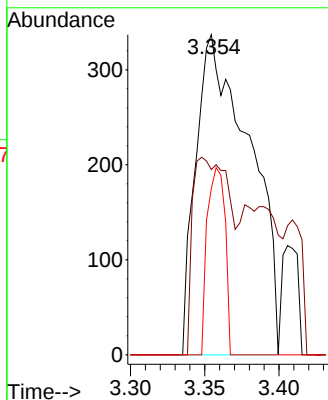
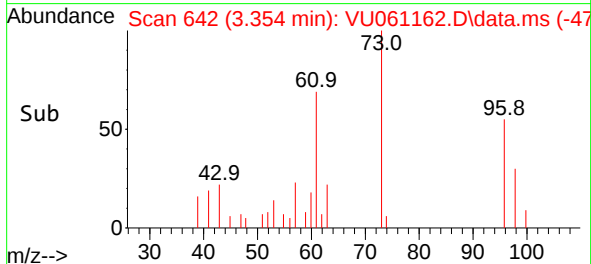
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



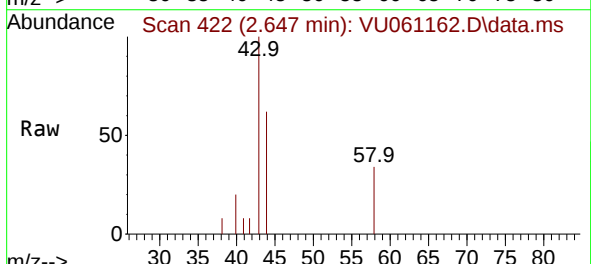
Tgt Ion: 53 Resp: 850
Ion Ratio Lower Upper
53 100
52 42.2 62.6 94.0
51 19.2 30.7 46.1

Manual Integrations
APPROVED

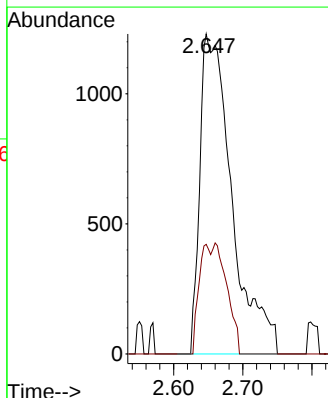
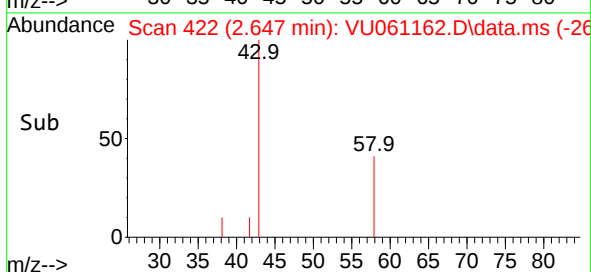
Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024

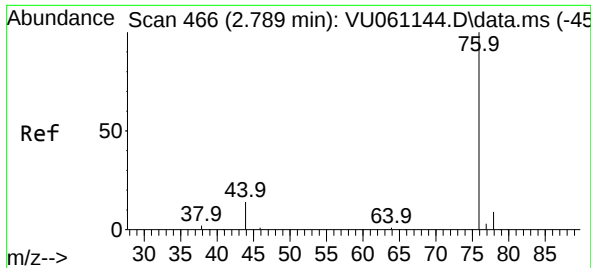


#13
Acetone
Concen: 1.415 ug/l m
RT: 2.647 min Scan# 422
Delta R.T. -0.000 min
Lab File: VU061162.D
Acq: 18 Oct 2024 13:49



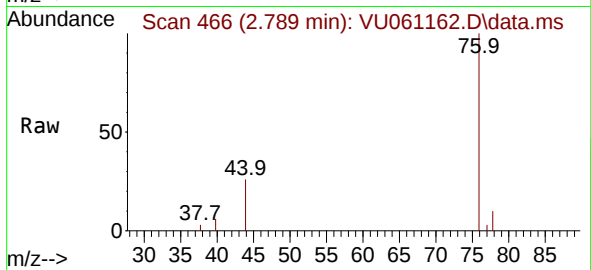
Tgt Ion: 43 Resp: 3941
Ion Ratio Lower Upper
43 100
58 34.2 27.9 41.9





#14
Carbon Disulfide
Concen: 0.237 ug/l
RT: 2.789 min Scan# 40
Delta R.T. -0.000 min
Lab File: VU061162.D
Acq: 18 Oct 2024 13:49

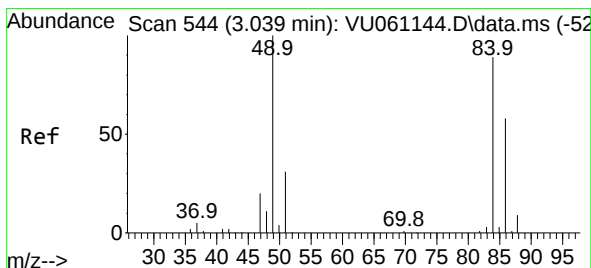
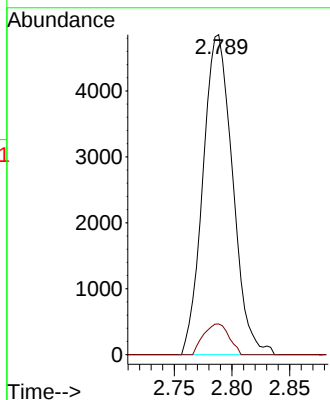
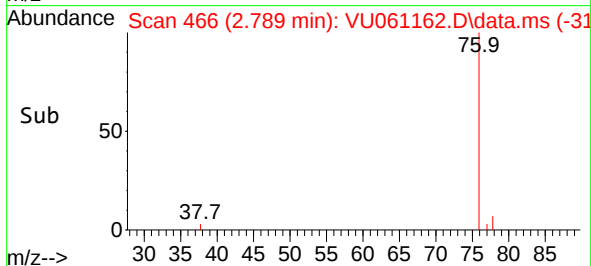
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



Tgt Ion: 76 Resp: 8679
Ion Ratio Lower Upper
76 100
78 9.6 7.4 11.0

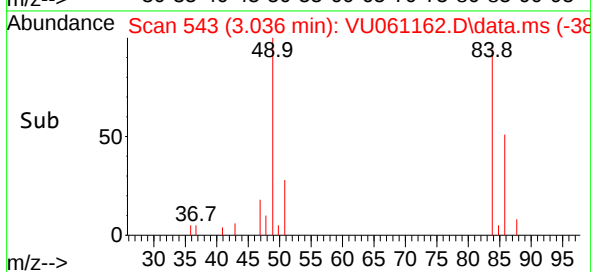
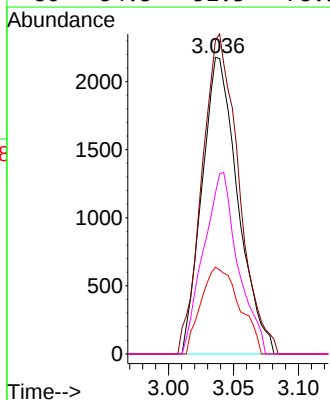
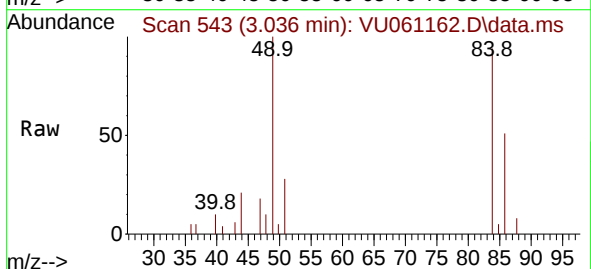
Manual Integrations
APPROVED

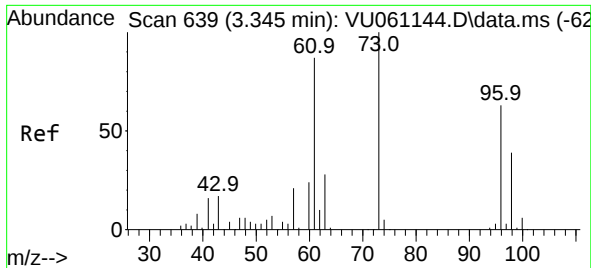
Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024



#15
Methylene Chloride
Concen: 0.304 ug/l
RT: 3.036 min Scan# 543
Delta R.T. -0.003 min
Lab File: VU061162.D
Acq: 18 Oct 2024 13:49

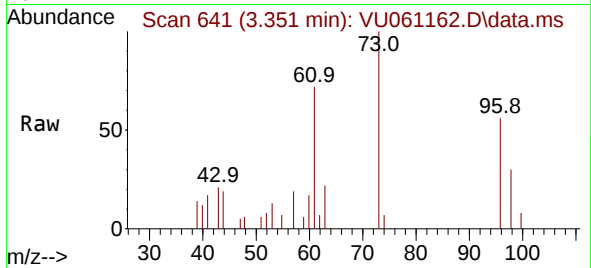
Tgt Ion: 84 Resp: 4173
Ion Ratio Lower Upper
84 100
49 105.8 90.4 135.6
51 29.2 0.0 70.6
86 54.3 52.3 78.5





#16
trans-1,2-Dichloroethene
Concen: 0.231 ug/l
RT: 3.351 min Scan# 641
Delta R.T. 0.006 min
Lab File: VU061162.D
Acq: 18 Oct 2024 13:49

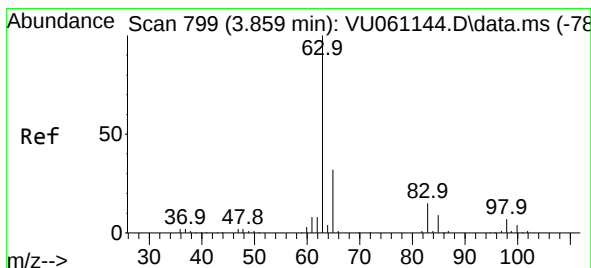
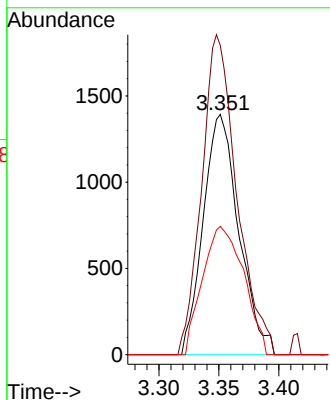
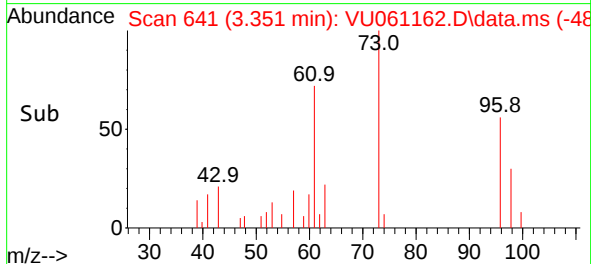
Instrument : MSVOA_U
ClientSampleId : LOD-MDL-WATER-01-QT4-2024



Tgt Ion: 96 Resp: 2878
Ion Ratio Lower Upper
96 100
61 128.7 110.6 166.0
98 53.4 49.8 74.8

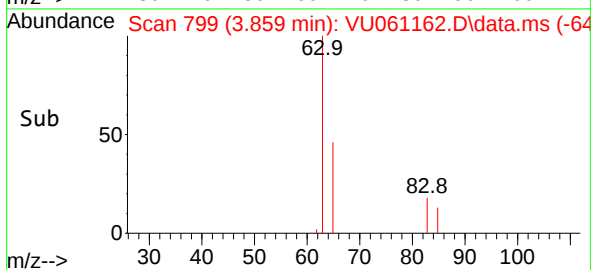
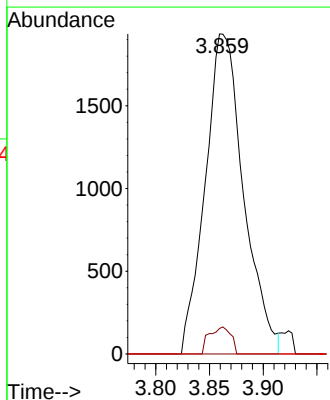
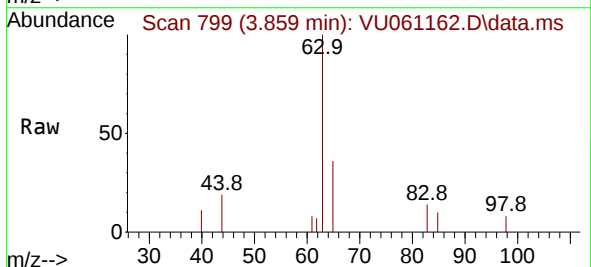
Manual Integrations
APPROVED

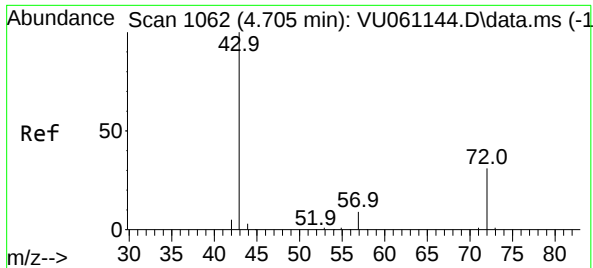
Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024



#17
1,1-Dichloroethane
Concen: 0.218 ug/l
RT: 3.859 min Scan# 799
Delta R.T. -0.000 min
Lab File: VU061162.D
Acq: 18 Oct 2024 13:49

Tgt Ion: 63 Resp: 4810
Ion Ratio Lower Upper
63 100
98 8.0 3.3 9.8
100 0.0 2.1 6.5





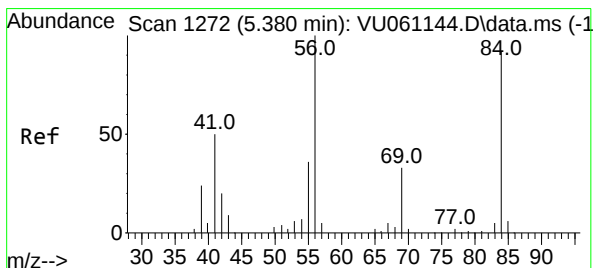
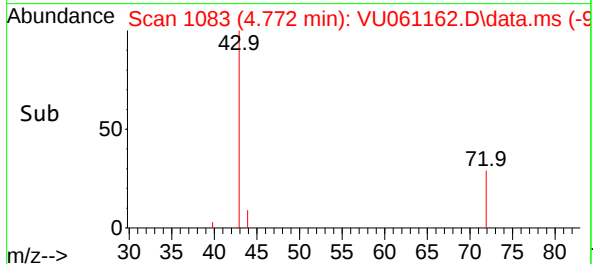
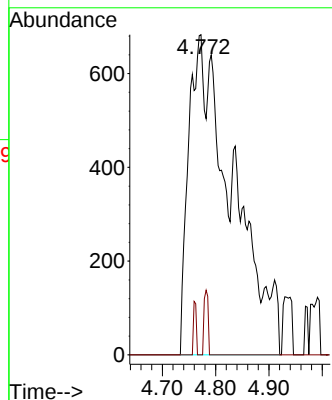
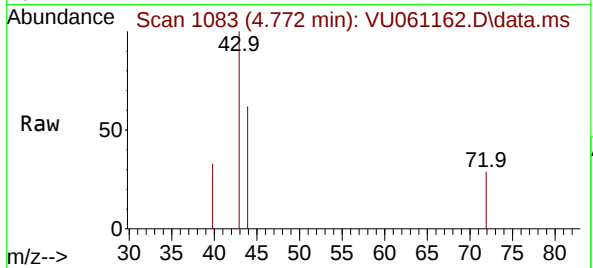
#18
2-Butanone
Concen: 1.137 ug/l m
RT: 4.772 min Scan# 1083
Delta R.T. 0.067 min
Lab File: VU061162.D
Acq: 18 Oct 2024 13:49

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

Tgt Ion: 43 Resp: 3880
Ion Ratio Lower Upper
43 100
57 0.0 0.0 19.0

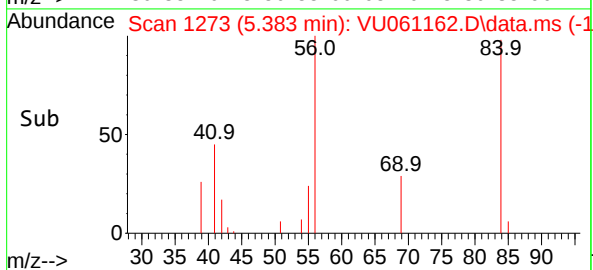
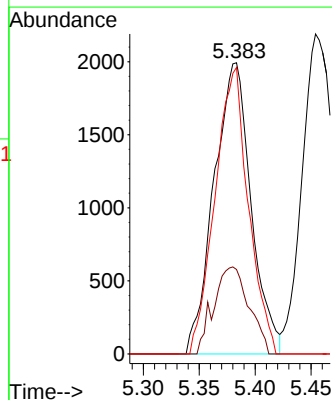
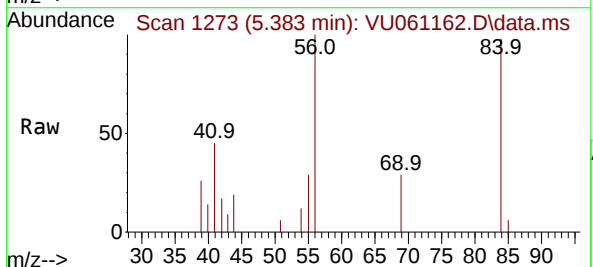
Manual Integrations
APPROVED

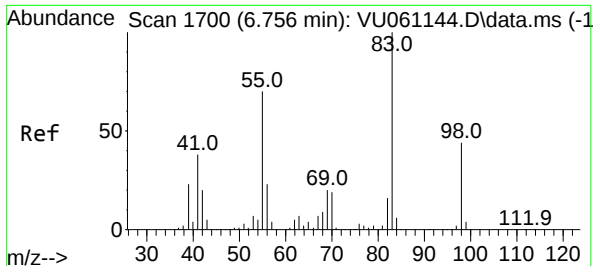
Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024



#19
Cyclohexane
Concen: 0.233 ug/l m
RT: 5.383 min Scan# 1273
Delta R.T. 0.003 min
Lab File: VU061162.D
Acq: 18 Oct 2024 13:49

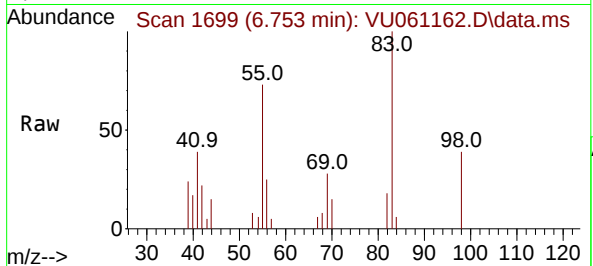
Tgt Ion: 56 Resp: 4600
Ion Ratio Lower Upper
56 100
69 28.4 26.2 39.4
84 88.4 72.7 109.1





#20
Methylcyclohexane
Concen: 0.213 ug/l
RT: 6.753 min Scan# 1699
Delta R.T. -0.003 min
Lab File: VU061162.D
Acq: 18 Oct 2024 13:49

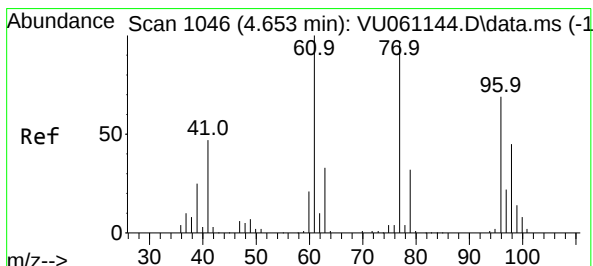
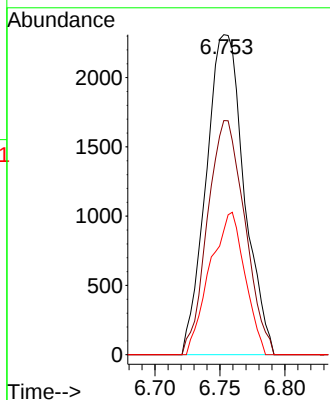
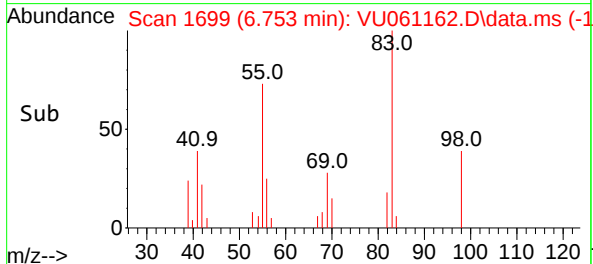
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



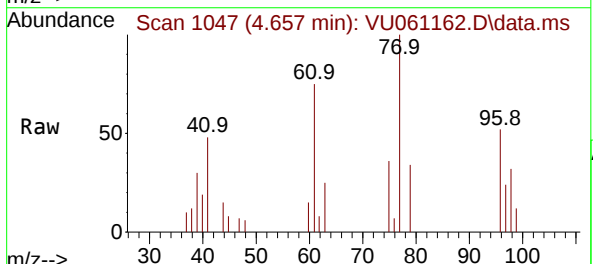
Tgt Ion: 83 Resp: 470
Ion Ratio Lower Upper
83 100
55 71.7 55.5 83.3
98 41.0 35.8 53.6

Manual Integrations
APPROVED

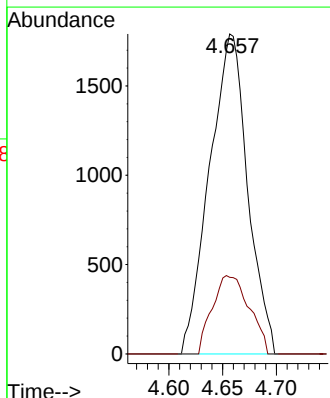
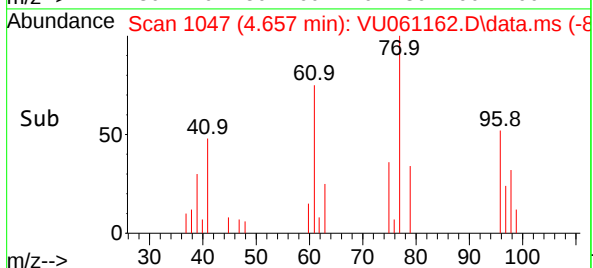
Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024

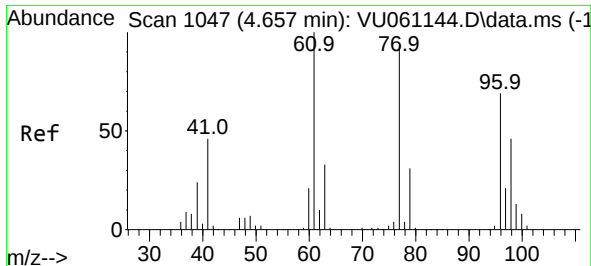


#21
2,2-Dichloropropane
Concen: 0.217 ug/l
RT: 4.657 min Scan# 1047
Delta R.T. 0.003 min
Lab File: VU061162.D
Acq: 18 Oct 2024 13:49



Tgt Ion: 77 Resp: 4415
Ion Ratio Lower Upper
77 100
97 23.7 18.3 27.5





#22

cis-1,2-Dichloroethene

Concen: 0.227 ug/l

RT: 4.673 min Scan# 1052

Delta R.T. 0.016 min

Lab File: VU061162.D

Acq: 18 Oct 2024 13:49

Instrument :

MSVOA_U

ClientSampleId :

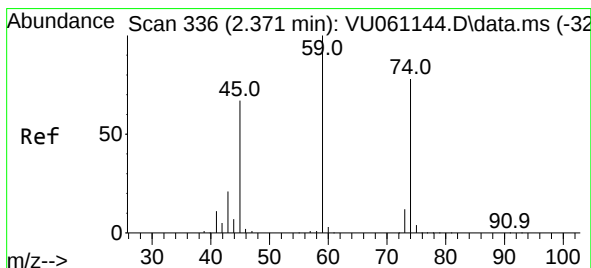
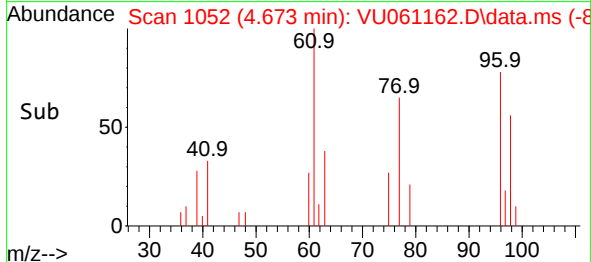
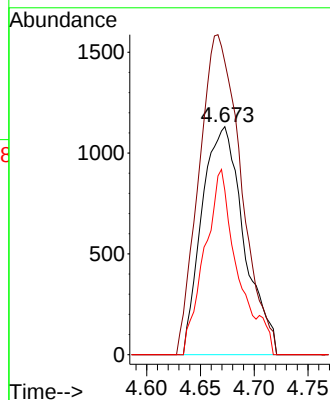
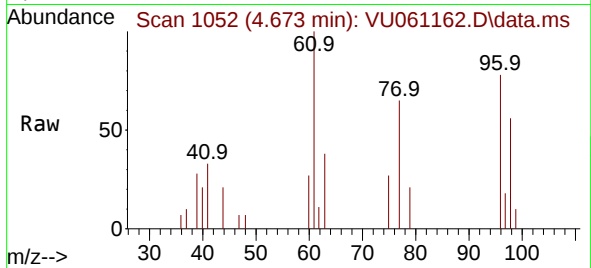
LOD-MDL-WATER-01-QT4-2024

Tgt Ion: 96	Resp: 3074
Ion Ratio	Lower Upper
96 100	
61 140.3	0.0 364.8
98 64.3	32.1 96.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024



#23

Diethyl Ether

Concen: 0.219 ug/l

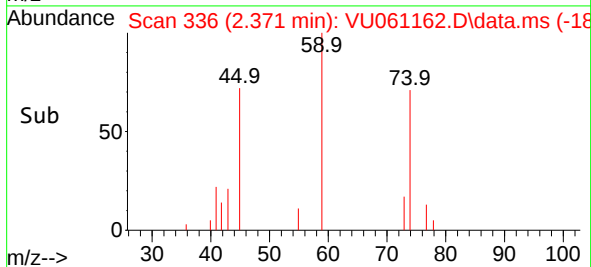
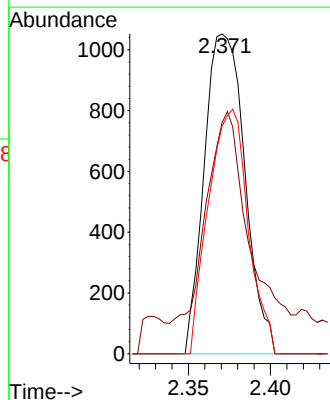
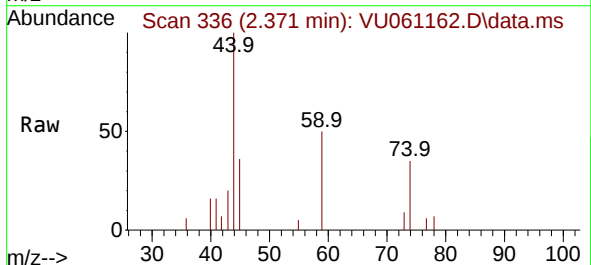
RT: 2.371 min Scan# 336

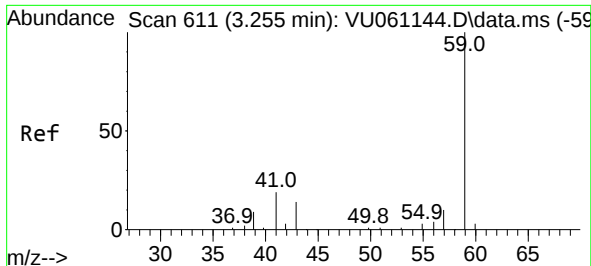
Delta R.T. -0.000 min

Lab File: VU061162.D

Acq: 18 Oct 2024 13:49

Tgt Ion: 59	Resp: 1807
Ion Ratio	Lower Upper
59 100	
45 69.7	52.0 78.0
74 74.5	62.2 93.2





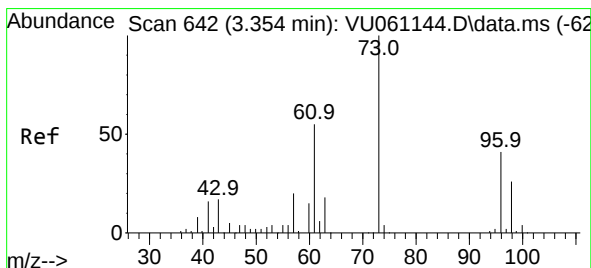
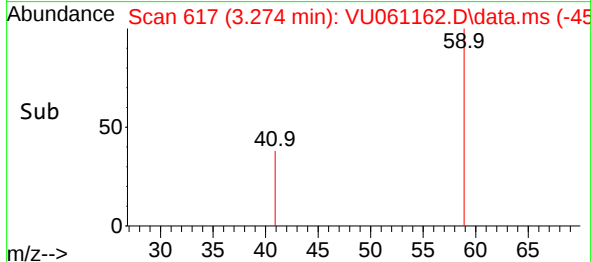
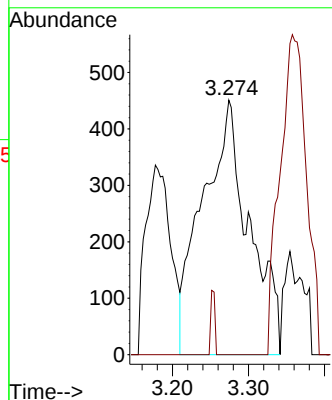
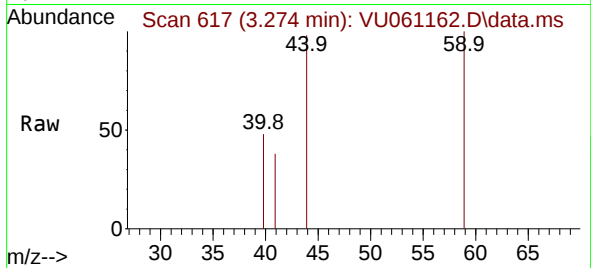
#24
tert-Butyl Alcohol
Concen: 2.228 ug/l m
RT: 3.274 min Scan# 611
Delta R.T. 0.019 min
Lab File: VU061162.D
Acq: 18 Oct 2024 13:49

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

Tgt Ion: 59 Resp: 1919
Ion Ratio Lower Upper
59 100
57 0.0 3.2 4.8

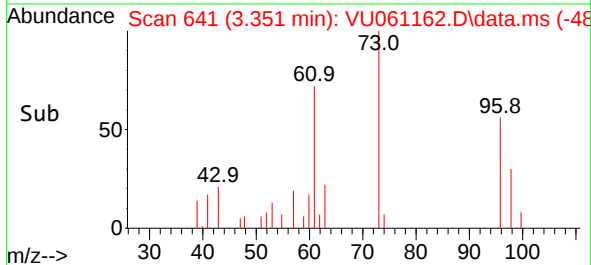
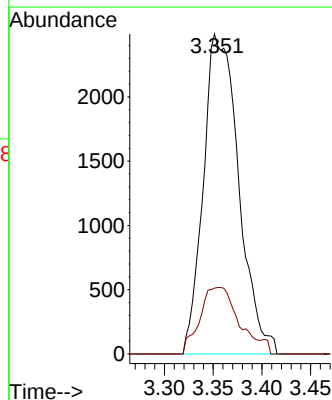
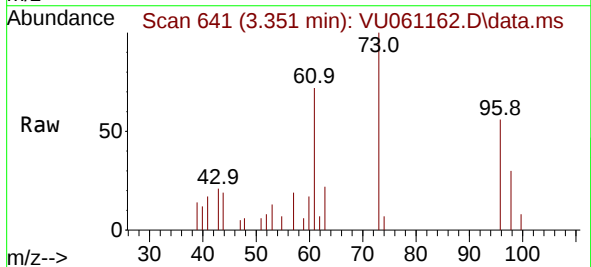
Manual Integrations
APPROVED

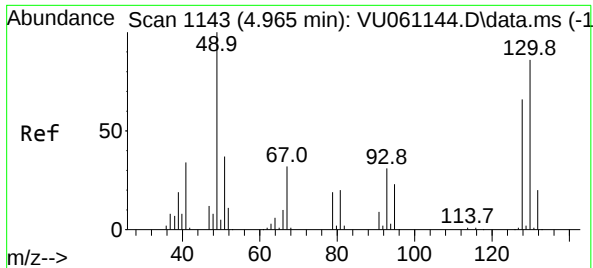
Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024



#25
Methyl tert-Butyl Ether
Concen: 0.220 ug/l
RT: 3.351 min Scan# 641
Delta R.T. -0.003 min
Lab File: VU061162.D
Acq: 18 Oct 2024 13:49

Tgt Ion: 73 Resp: 6270
Ion Ratio Lower Upper
73 100
43 23.3 14.7 22.1#





#26

Bromochloromethane

Concen: 0.214 ug/l

RT: 4.972 min Scan# 1145

Delta R.T. 0.006 min

Lab File: VU061162.D

Acq: 18 Oct 2024 13:49

Instrument :

MSVOA_U

ClientSampleId :

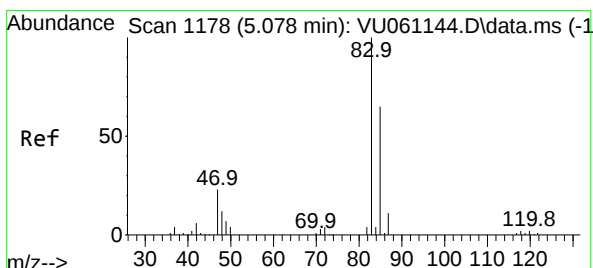
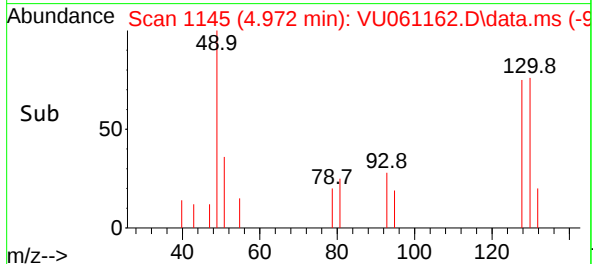
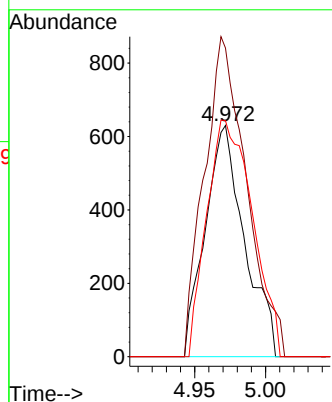
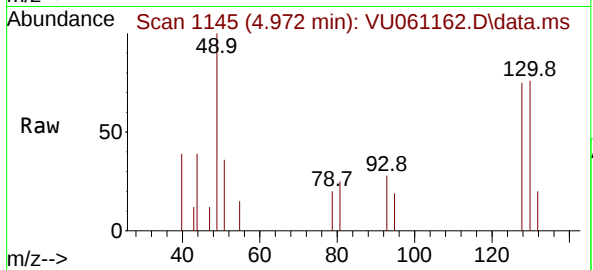
LOD-MDL-WATER-01-QT4-2024

Tgt Ion:	128	Resp:	1210
Ion	Ratio	Lower	Upper
128	100		
49	148.7	0.0	308.8
130	119.2	105.3	157.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024



#27

Chloroform

Concen: 0.246 ug/l

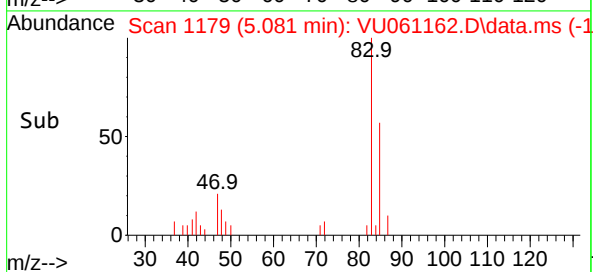
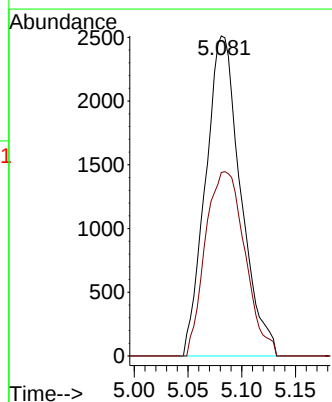
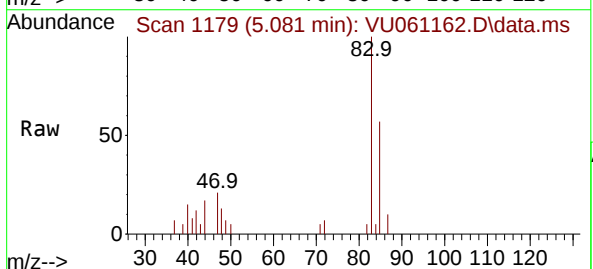
RT: 5.081 min Scan# 1179

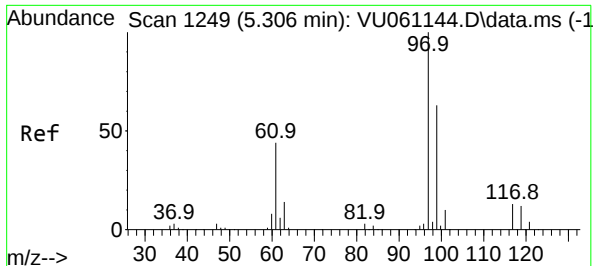
Delta R.T. 0.003 min

Lab File: VU061162.D

Acq: 18 Oct 2024 13:49

Tgt Ion:	83	Resp:	5694
Ion	Ratio	Lower	Upper
83	100		
85	57.3	0.0	129.6





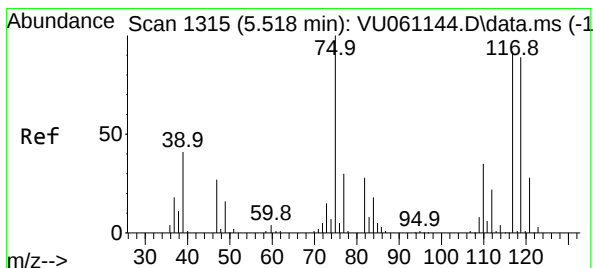
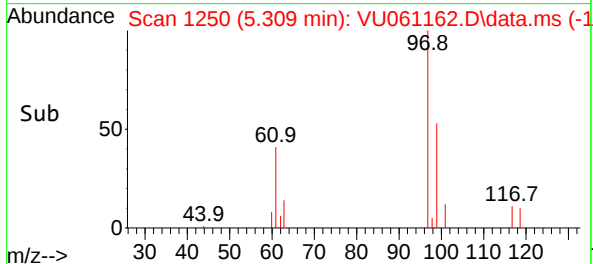
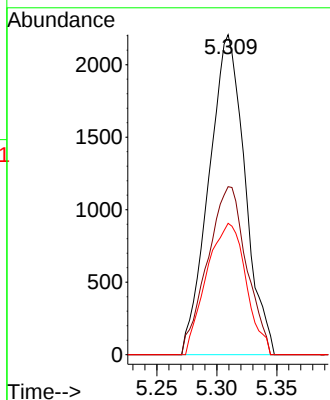
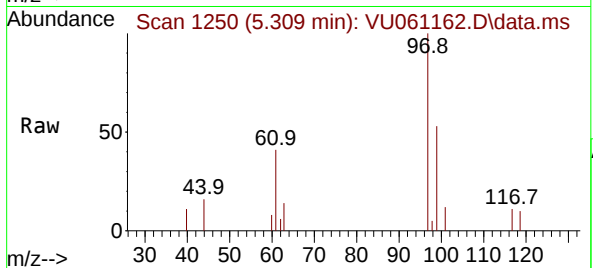
#28
1,1,1-Trichloroethane
Concen: 0.226 ug/l
RT: 5.309 min Scan# 1317
Delta R.T. 0.003 min
Lab File: VU061162.D
Acq: 18 Oct 2024 13:49

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

Tgt Ion: 97 Resp: 460
Ion Ratio Lower Upper
97 100
99 56.8 31.9 95.5
61 45.0 22.1 66.1

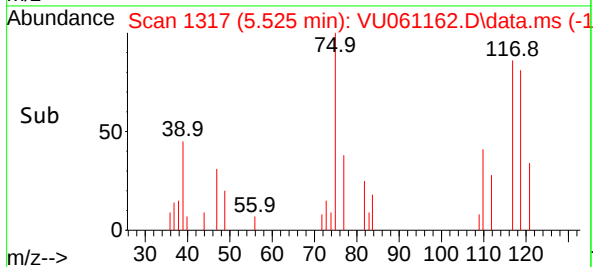
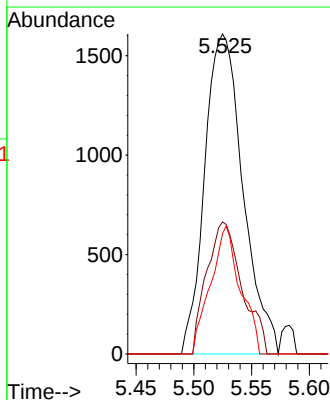
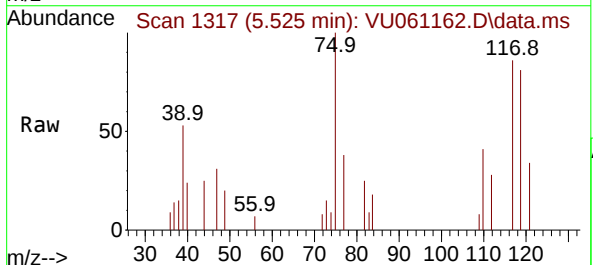
Manual Integrations
APPROVED

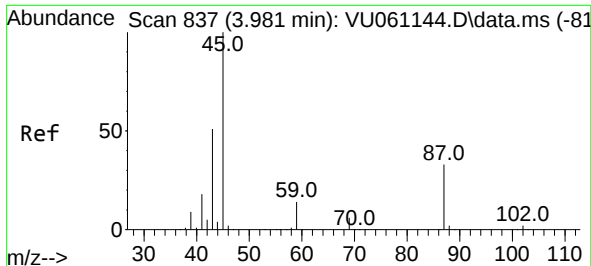
Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024



#29
1,1-Dichloropropene
Concen: 0.205 ug/l
RT: 5.525 min Scan# 1317
Delta R.T. 0.006 min
Lab File: VU061162.D
Acq: 18 Oct 2024 13:49

Tgt Ion: 75 Resp: 3707
Ion Ratio Lower Upper
75 100
110 38.1 17.8 53.3
77 31.1 24.6 37.0





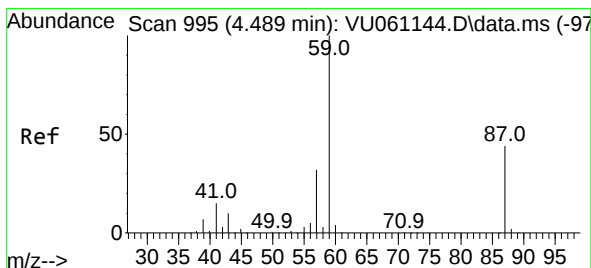
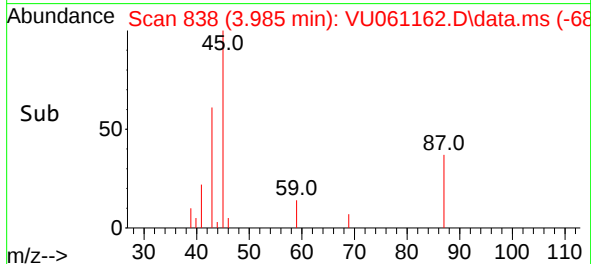
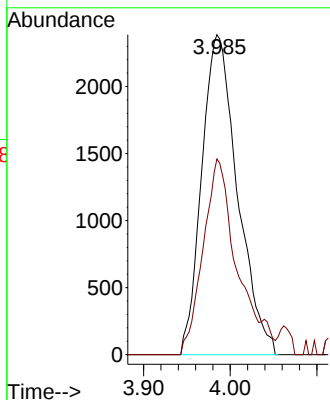
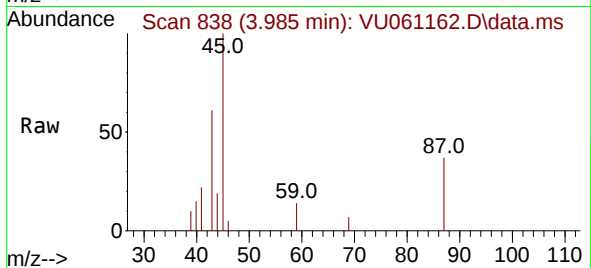
#31
Isopropyl Ether
Concen: 0.217 ug/l
RT: 3.985 min Scan# 837
Delta R.T. 0.003 min
Lab File: VU061162.D
Acq: 18 Oct 2024 13:49

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

Tgt Ion: 45 Resp: 683
Ion Ratio Lower Upper
45 100
43 58.6 25.7 77.0

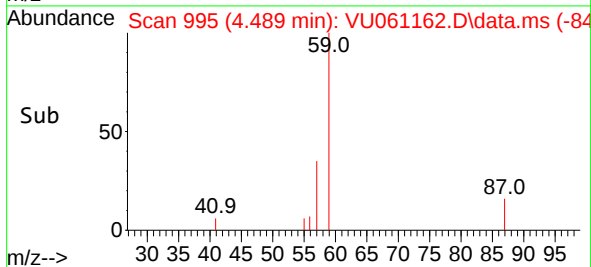
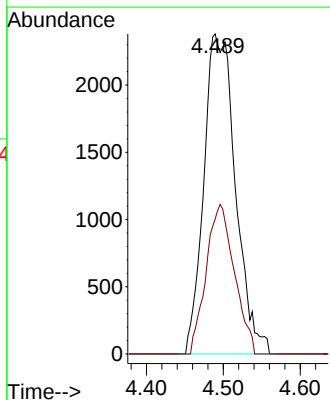
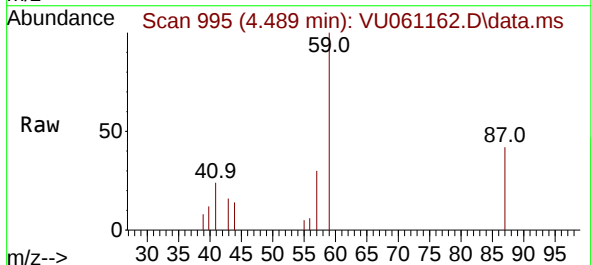
Manual Integrations
APPROVED

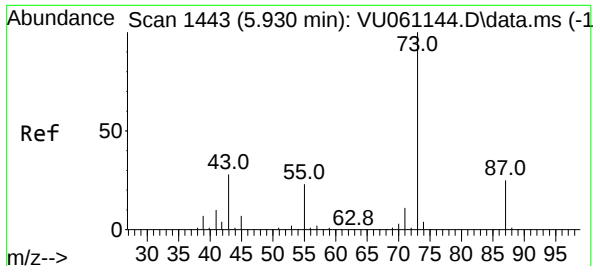
Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024



#32
Ethyl-t-butyl ether
Concen: 0.210 ug/l m
RT: 4.489 min Scan# 995
Delta R.T. -0.000 min
Lab File: VU061162.D
Acq: 18 Oct 2024 13:49

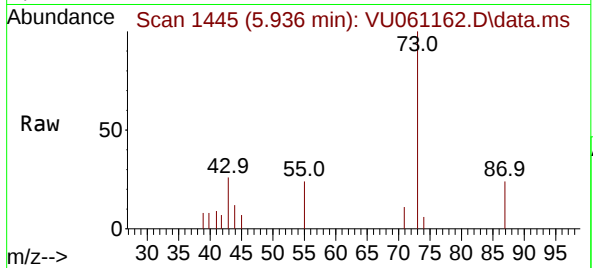
Tgt Ion: 59 Resp: 6808
Ion Ratio Lower Upper
59 100
87 41.5 34.7 52.1





#33
Tert-Amyl methyl ether
Concen: 0.227 ug/l
RT: 5.936 min Scan# 1443
Delta R.T. 0.006 min
Lab File: VU061162.D
Acq: 18 Oct 2024 13:49

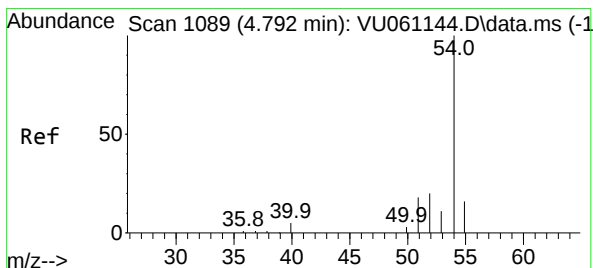
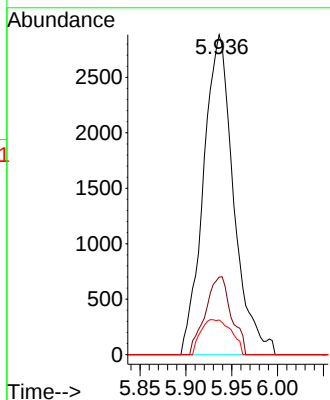
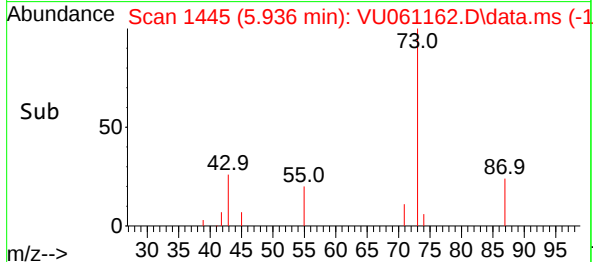
Instrument : MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



Tgt Ion: 73 Resp: 661
Ion Ratio Lower Upper
73 100
87 20.9 19.8 29.8
71 11.1 8.6 12.8

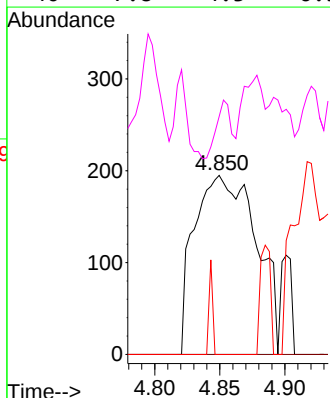
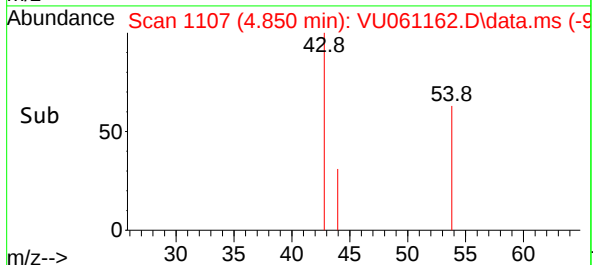
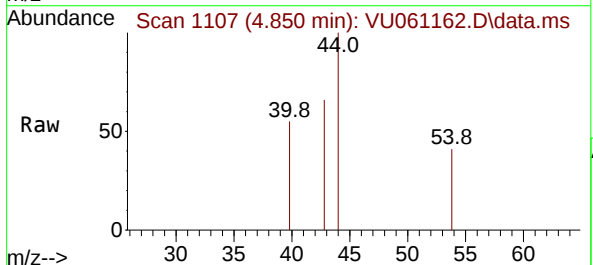
Manual Integrations
APPROVED

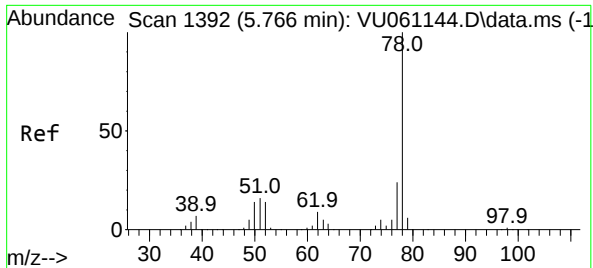
Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024



#34
Propionitrile
Concen: 0.793 ug/l m
RT: 4.850 min Scan# 1107
Delta R.T. 0.058 min
Lab File: VU061162.D
Acq: 18 Oct 2024 13:49

Tgt Ion: 54 Resp: 645
Ion Ratio Lower Upper
54 100
52 0.0 15.3 22.9#
55 3.1 9.7 14.5#
40 7.8 4.3 6.5#





#35

Benzene

Concen: 0.230 ug/l

RT: 5.769 min Scan# 1168

Delta R.T. 0.003 min

Lab File: VU061162.D

Acq: 18 Oct 2024 13:49

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT4-2024

Tgt Ion: 78 Resp: 1168

Ion Ratio Lower Upper

78 100

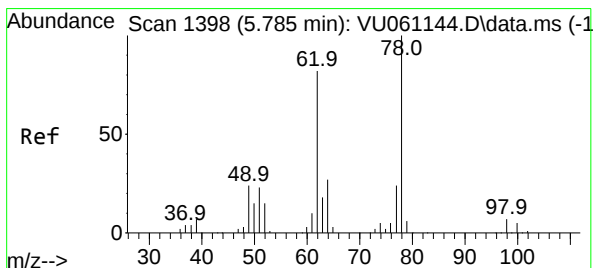
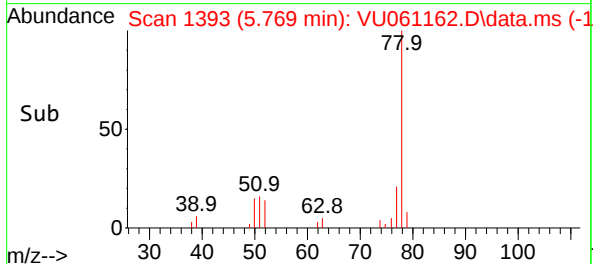
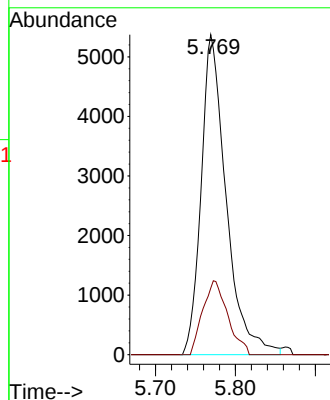
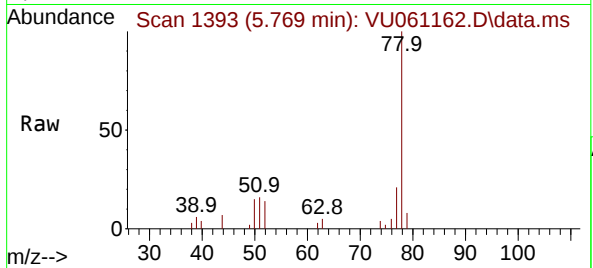
77 20.8 19.4 29.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/25/2024

Supervised By :Semsettin Yesilyurt 10/25/2024



#36

1,2-Dichloroethane

Concen: 0.221 ug/l

RT: 5.792 min Scan# 1400

Delta R.T. 0.006 min

Lab File: VU061162.D

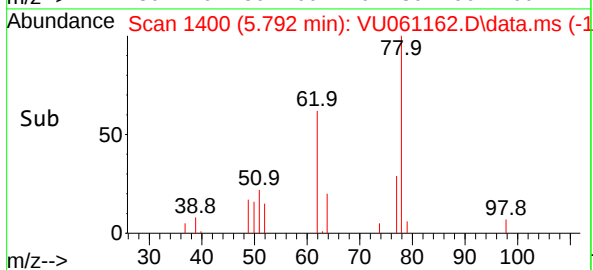
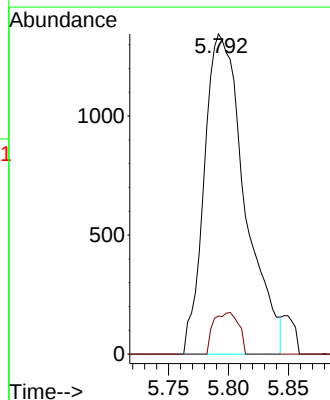
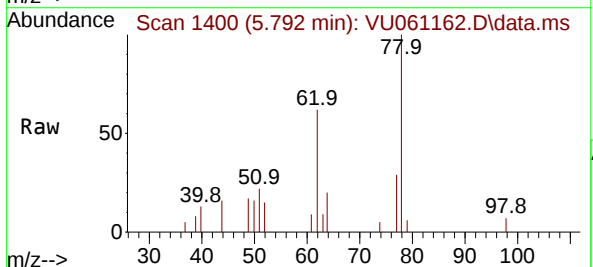
Acq: 18 Oct 2024 13:49

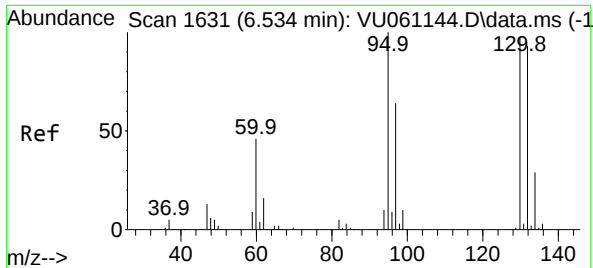
Tgt Ion: 62 Resp: 3166

Ion Ratio Lower Upper

62 100

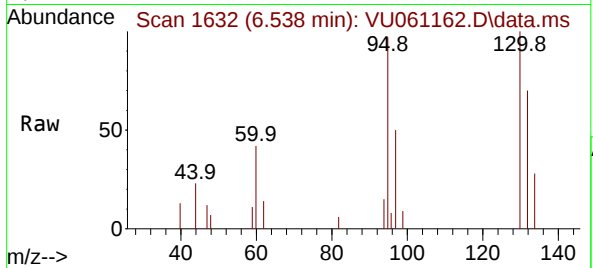
98 8.0 7.0 10.4





#37
Trichloroethene
Concen: 0.232 ug/l
RT: 6.538 min Scan# 1710
Delta R.T. 0.003 min
Lab File: VU061162.D
Acq: 18 Oct 2024 13:49

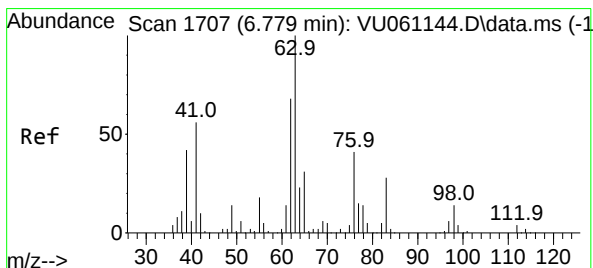
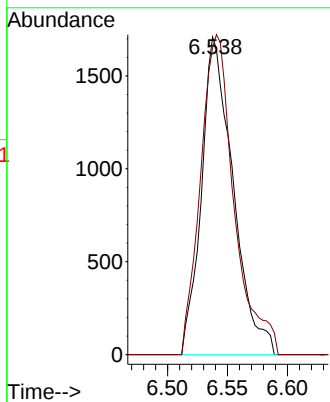
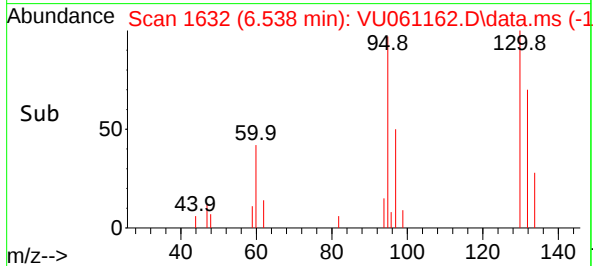
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



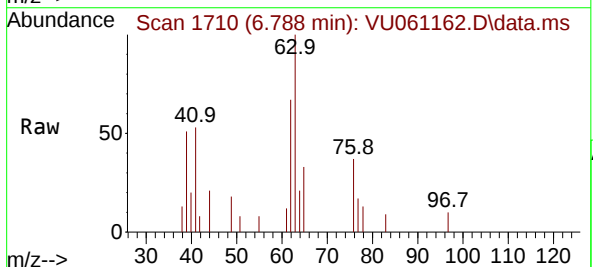
Tgt Ion:130 Resp: 3140
Ion Ratio Lower Upper
130 100
95 96.6 82.6 123.8

Manual Integrations
APPROVED

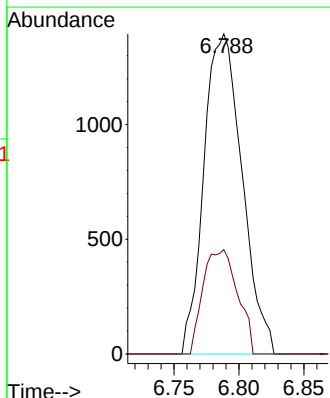
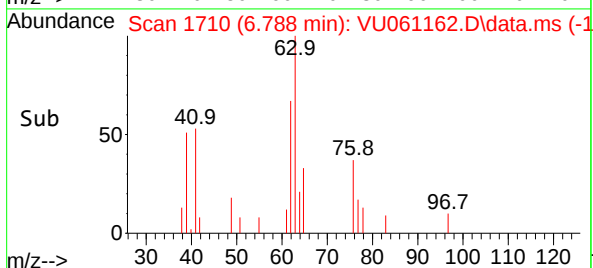
Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024

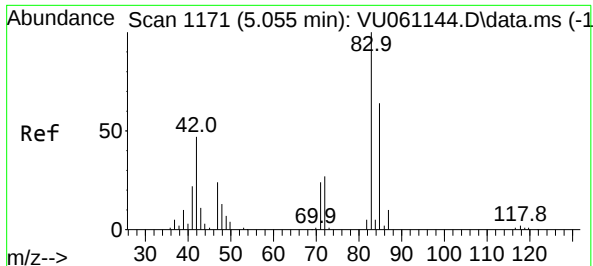


#38
1,2-Dichloropropane
Concen: 0.221 ug/l
RT: 6.788 min Scan# 1710
Delta R.T. 0.010 min
Lab File: VU061162.D
Acq: 18 Oct 2024 13:49



Tgt Ion: 63 Resp: 2850
Ion Ratio Lower Upper
63 100
65 32.6 25.0 37.6





#41

Tetrahydrofuran

Concen: 0.493 ug/l m

RT: 5.084 min Scan# 1171

Delta R.T. 0.029 min

Lab File: VU061162.D

Acq: 18 Oct 2024 13:49

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT4-2024

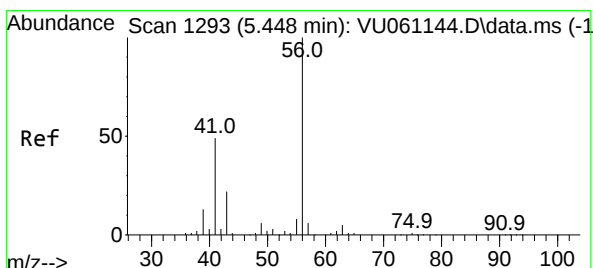
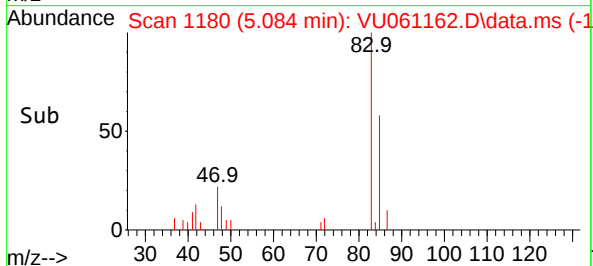
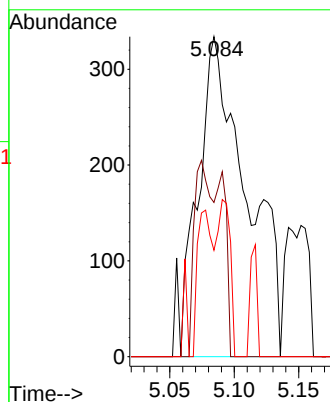
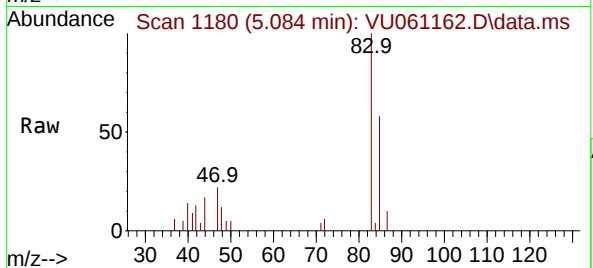
Tgt Ion: 42	Resp: 86
Ion Ratio	Lower Upper
42	100
72	0.0 47.8 71.8
71	12.8 41.5 62.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/25/2024

Supervised By :Semsettin Yesilyurt 10/25/2024



#42

1-Chlorobutane

Concen: 0.220 ug/l

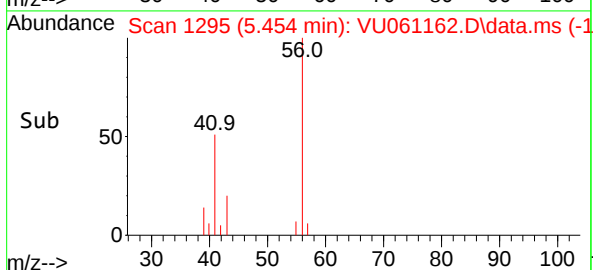
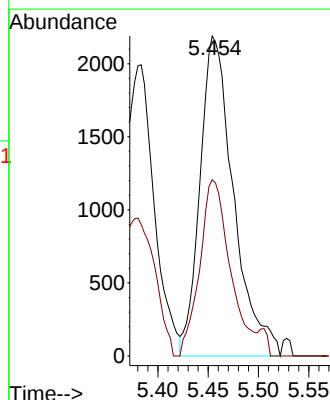
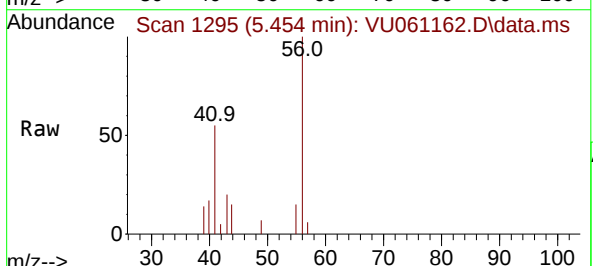
RT: 5.454 min Scan# 1295

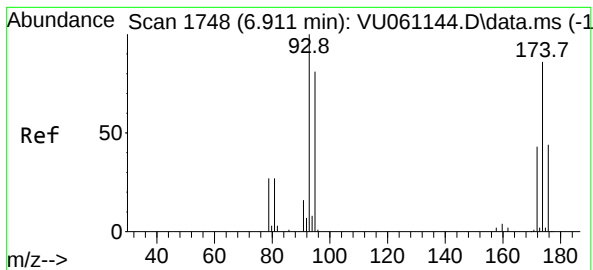
Delta R.T. 0.006 min

Lab File: VU061162.D

Acq: 18 Oct 2024 13:49

Tgt Ion: 56	Resp: 5086
Ion Ratio	Lower Upper
56	100
41	50.2 23.9 71.7





#43

Dibromomethane

Concen: 0.223 ug/l

RT: 6.920 min Scan# 1751

Delta R.T. 0.010 min

Lab File: VU061162.D

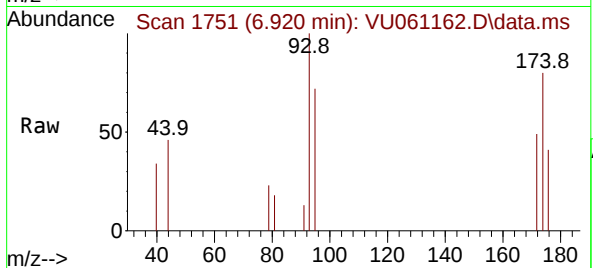
Acq: 18 Oct 2024 13:49

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT4-2024



Tgt Ion: 93 Resp: 148

Ion Ratio Lower Upper

93 100

95 82.3 67.5 101.3

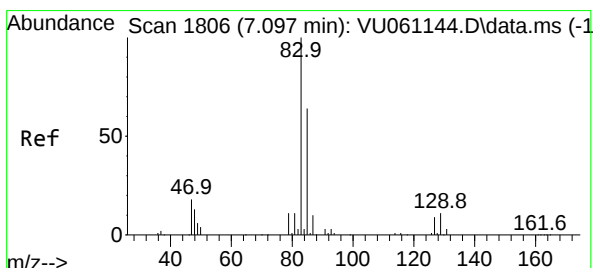
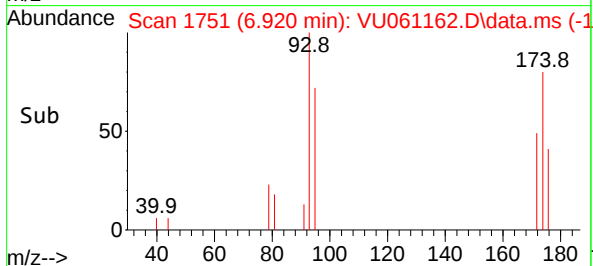
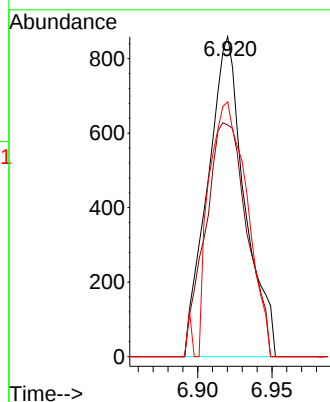
174 83.4 71.2 106.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/25/2024

Supervised By :Semsettin Yesilyurt 10/25/2024



#44

Bromodichloromethane

Concen: 0.215 ug/l

RT: 7.100 min Scan# 1807

Delta R.T. 0.003 min

Lab File: VU061162.D

Acq: 18 Oct 2024 13:49

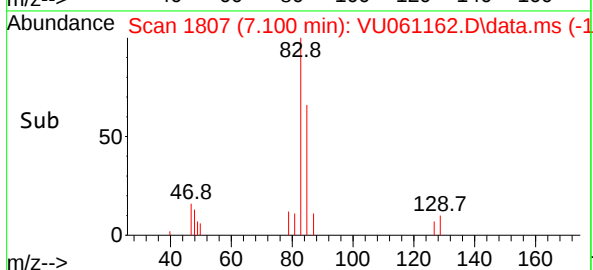
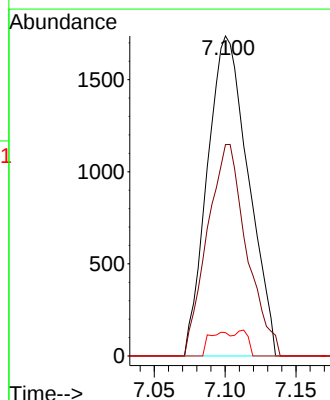
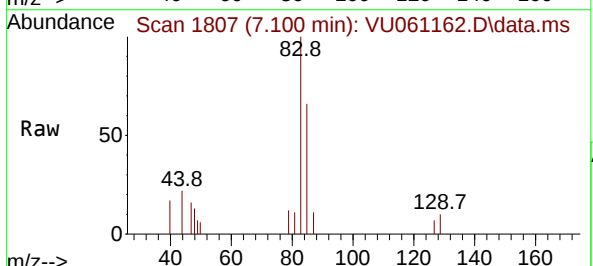
Tgt Ion: 83 Resp: 3491

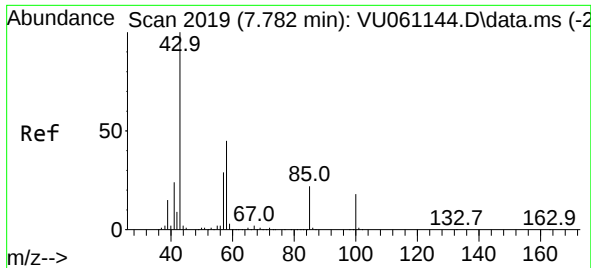
Ion Ratio Lower Upper

83 100

85 66.0 51.4 77.2

127 7.3 7.4 11.2#





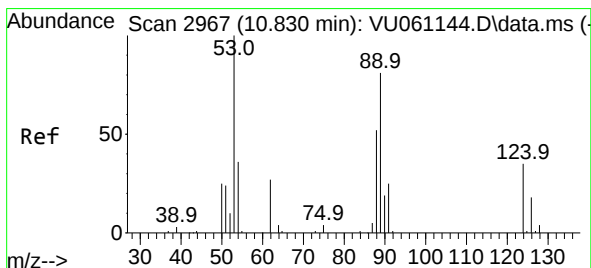
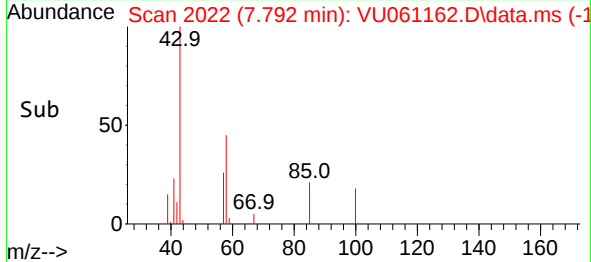
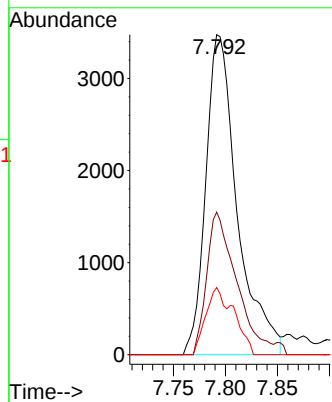
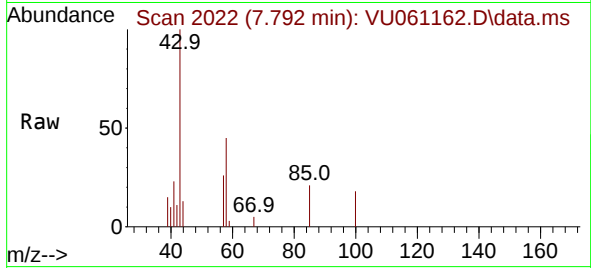
#45
4-Methyl-2-Pentanone
Concen: 1.094 ug/l
RT: 7.792 min Scan# 2019
Delta R.T. 0.010 min
Lab File: VU061162.D
Acq: 18 Oct 2024 13:49

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

Tgt Ion: 43 Resp: 732
Ion Ratio Lower Upper
43 100
58 42.1 22.2 66.6
85 18.7 17.2 25.8

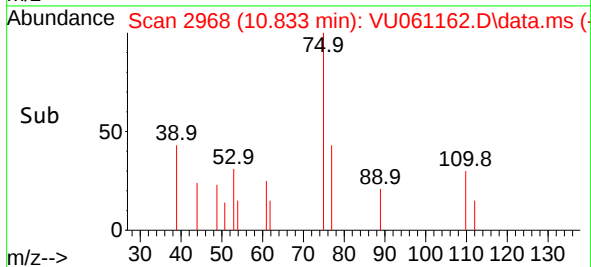
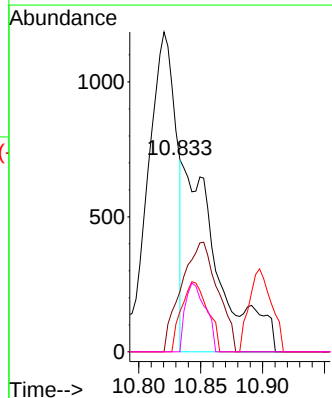
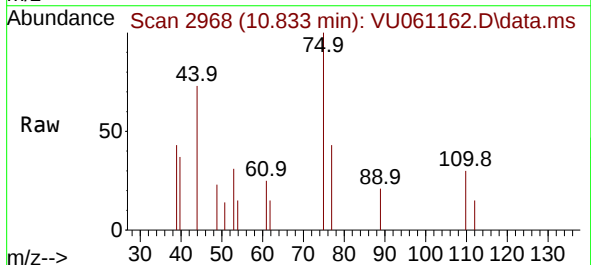
Manual Integrations
APPROVED

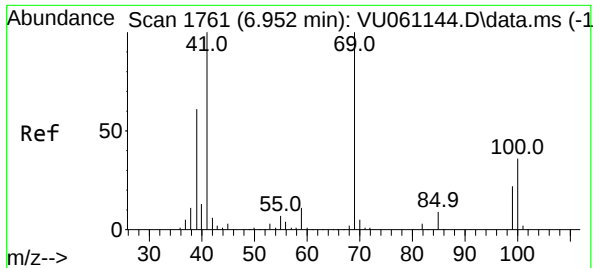
Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024



#46
t-1,4-Dichloro-2-butene
Concen: 0.525 ug/l m
RT: 10.833 min Scan# 2968
Delta R.T. 0.003 min
Lab File: VU061162.D
Acq: 18 Oct 2024 13:49

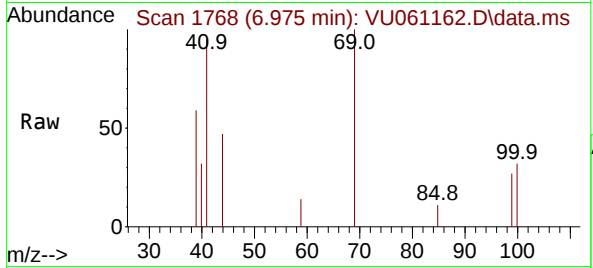
Tgt Ion: 75 Resp: 1403
Ion Ratio Lower Upper
75 100
53 59.1 66.0 99.0#
89 27.2 48.0 72.0#
88 20.7 35.7 53.5#





#47
Methyl methacrylate
Concen: 0.412 ug/l
RT: 6.975 min Scan# 1768
Delta R.T. 0.022 min
Lab File: VU061162.D
Acq: 18 Oct 2024 13:49

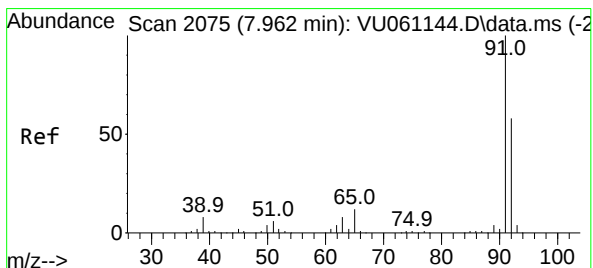
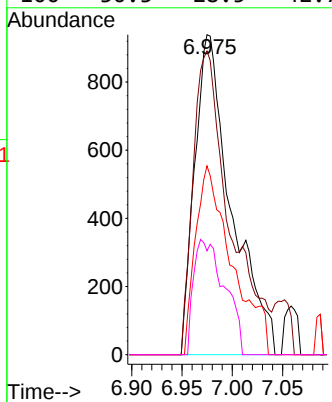
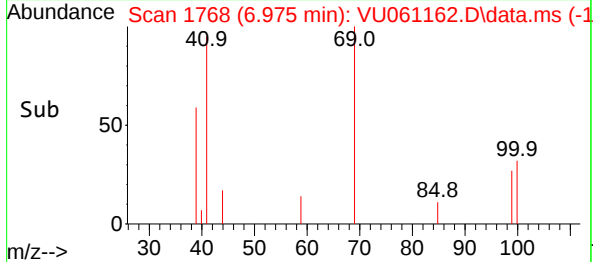
Instrument : MSVOA_U
ClientSampleId : LOD-MDL-WATER-01-QT4-2024



Tgt Ion: 69 Resp: 2389
Ion Ratio Lower Upper
69 100
41 95.1 0.0 196.0
39 58.4 48.0 72.0
100 30.3 28.5 42.7

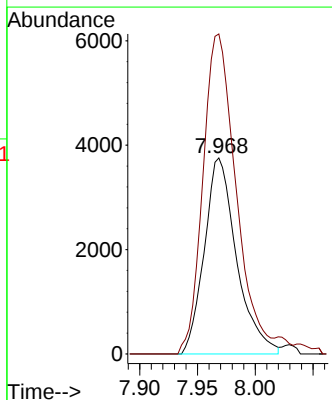
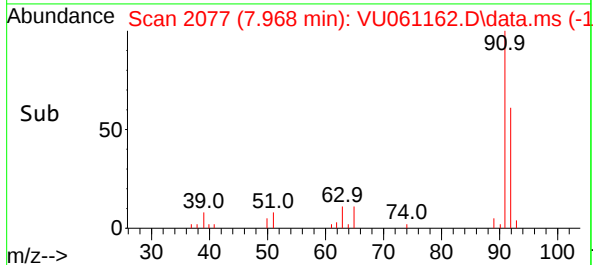
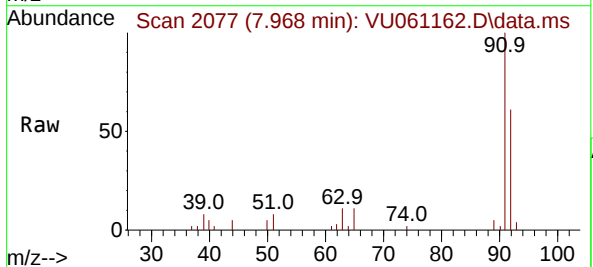
Manual Integrations
APPROVED

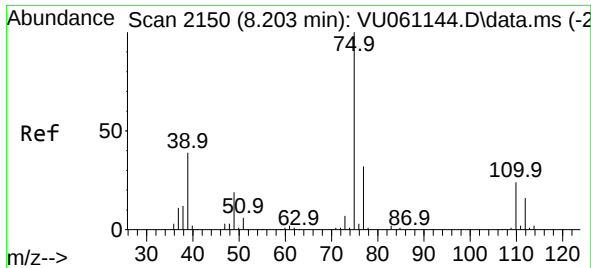
Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024



#49
Toluene
Concen: 0.227 ug/l
RT: 7.968 min Scan# 2077
Delta R.T. 0.006 min
Lab File: VU061162.D
Acq: 18 Oct 2024 13:49

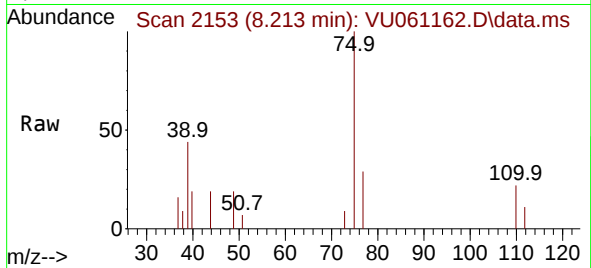
Tgt Ion: 92 Resp: 7293
Ion Ratio Lower Upper
92 100
91 167.2 139.1 208.7





#50
 t-1,3-Dichloropropene
 Concen: 0.209 ug/l
 RT: 8.213 min Scan# 2150
 Delta R.T. 0.010 min
 Lab File: VU061162.D
 Acq: 18 Oct 2024 13:49

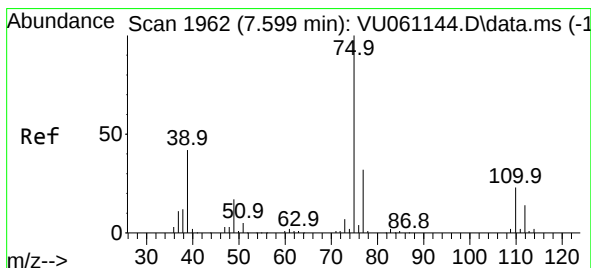
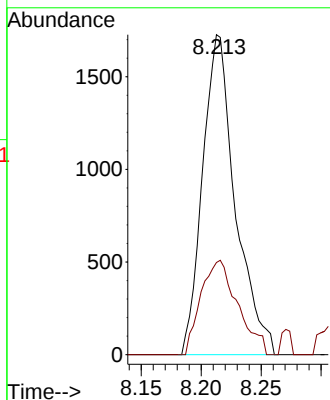
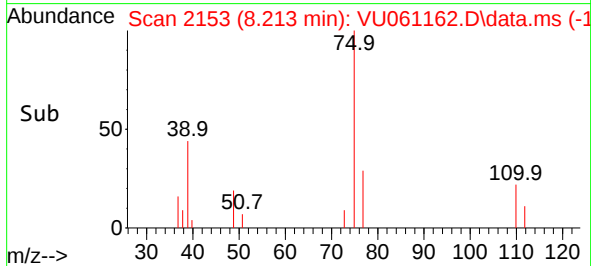
Instrument :
 MSVOA_U
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2024



Tgt Ion: 75 Resp: 327
 Ion Ratio Lower Upper
 75 100
 77 28.8 25.9 38.9

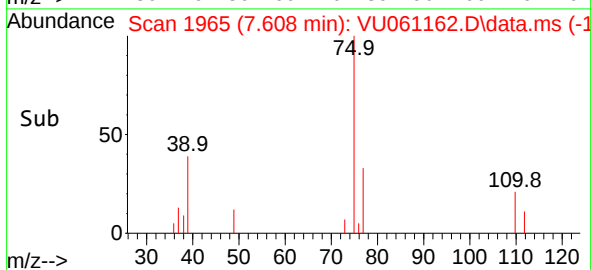
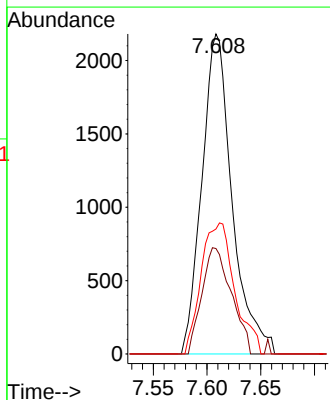
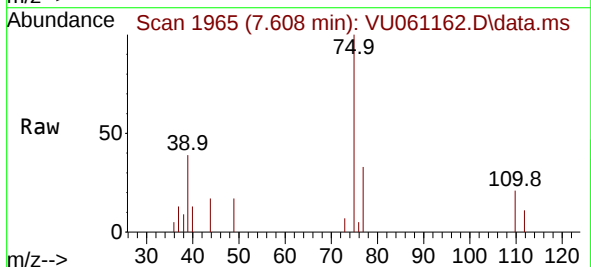
Manual Integrations
 APPROVED

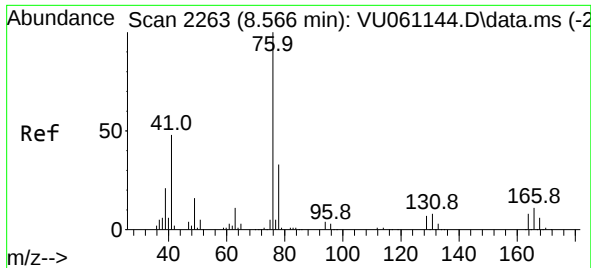
Reviewed By :Mahesh Dadoda 10/25/2024
 Supervised By :Semsettin Yesilyurt 10/25/2024



#51
 cis-1,3-Dichloropropene
 Concen: 0.222 ug/l
 RT: 7.608 min Scan# 1965
 Delta R.T. 0.010 min
 Lab File: VU061162.D
 Acq: 18 Oct 2024 13:49

Tgt Ion: 75 Resp: 4259
 Ion Ratio Lower Upper
 75 100
 77 33.0 25.8 38.8
 39 39.1 33.7 50.5





#53

1,3-Dichloropropane

Concen: 0.232 ug/l

RT: 8.573 min Scan# 21

Delta R.T. 0.006 min

Lab File: VU061162.D

Acq: 18 Oct 2024 13:49

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT4-2024

Tgt Ion: 76 Resp: 366

Ion Ratio Lower Upper

76 100

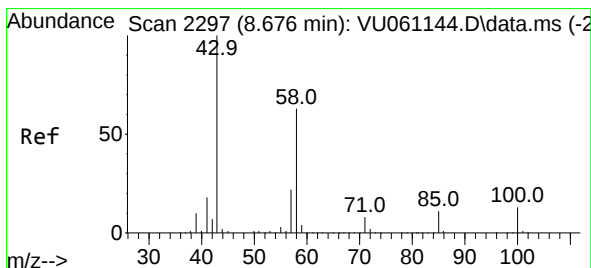
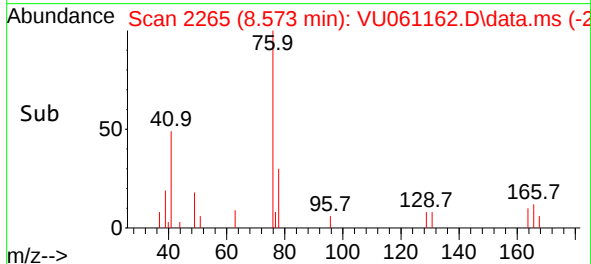
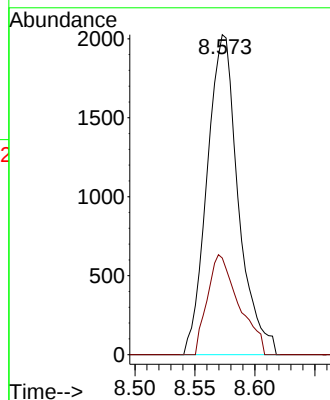
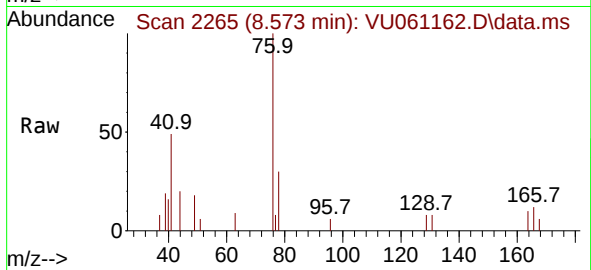
78 31.3 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/25/2024

Supervised By :Semsettin Yesilyurt 10/25/2024



#54

2-Hexanone

Concen: 1.170 ug/l m

RT: 8.698 min Scan# 2304

Delta R.T. 0.022 min

Lab File: VU061162.D

Acq: 18 Oct 2024 13:49

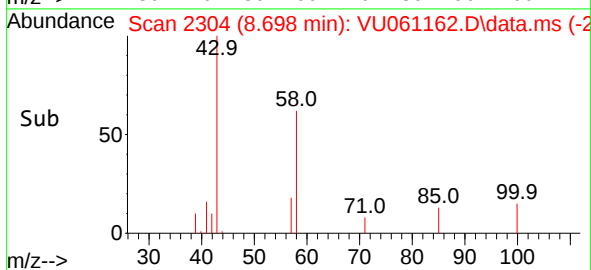
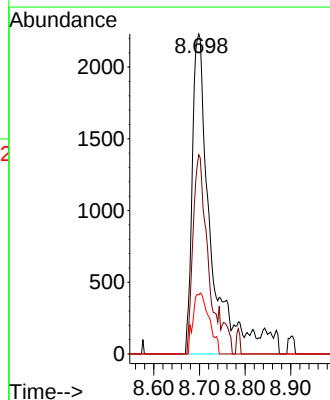
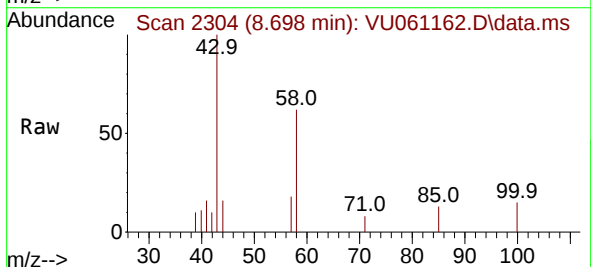
Tgt Ion: 43 Resp: 6441

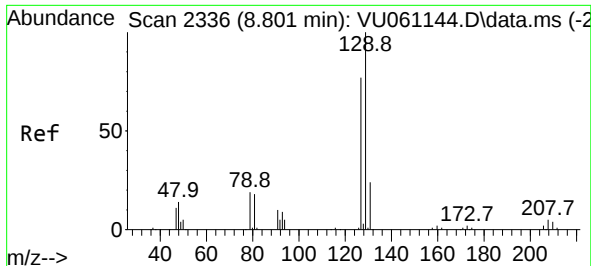
Ion Ratio Lower Upper

43 100

58 48.0 41.8 81.8

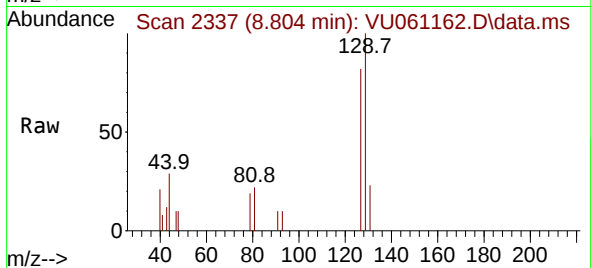
57 16.1 1.4 41.4





#55
Dibromochloromethane
Concen: 0.206 ug/l
RT: 8.804 min Scan# 2185
Delta R.T. 0.003 min
Lab File: VU061162.D
Acq: 18 Oct 2024 13:49

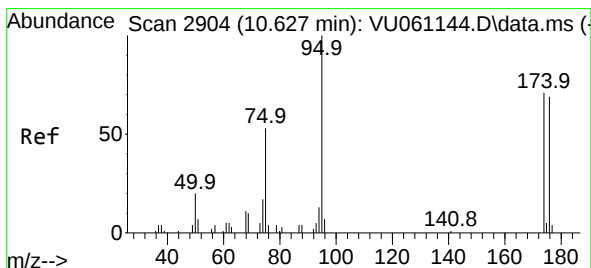
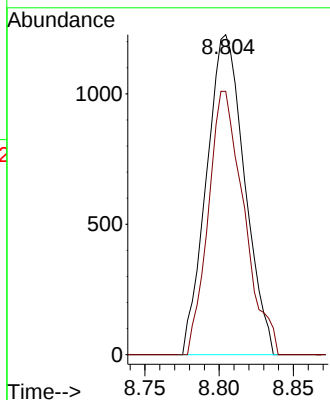
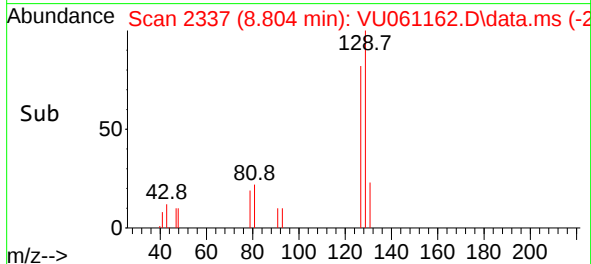
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



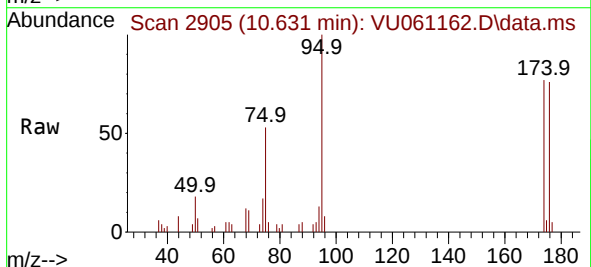
Tgt Ion:129 Resp: 2185
Ion Ratio Lower Upper
129 100
127 77.1 61.9 92.9

Manual Integrations
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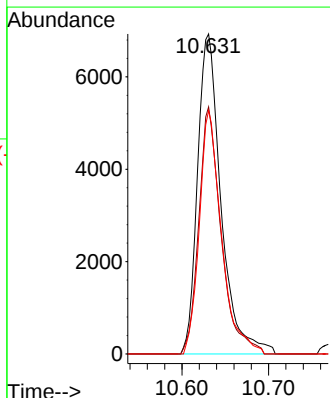
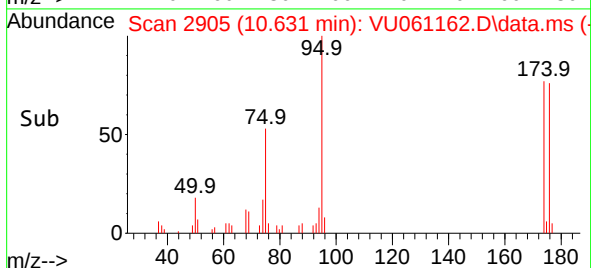
Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024

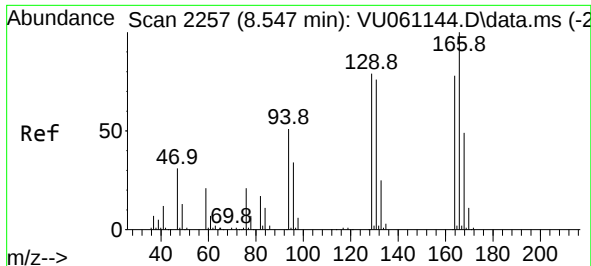


#57
4-Bromofluorobenzene
Concen: 0.919 ug/l
RT: 10.631 min Scan# 2905
Delta R.T. 0.003 min
Lab File: VU061162.D
Acq: 18 Oct 2024 13:49



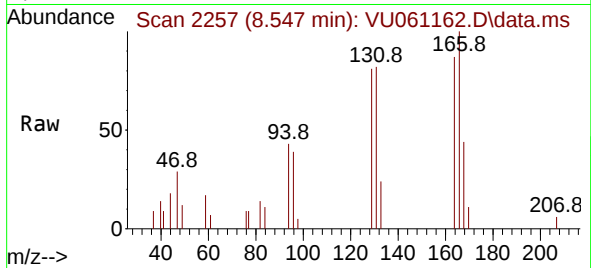
Tgt Ion: 95 Resp: 13073
Ion Ratio Lower Upper
95 100
174 73.2 55.4 83.0
176 71.7 54.4 81.6





#58
Tetrachloroethene
Concen: 0.237 ug/l
RT: 8.547 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU061162.D
Acq: 18 Oct 2024 13:49

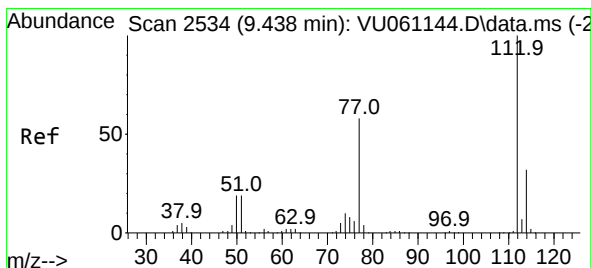
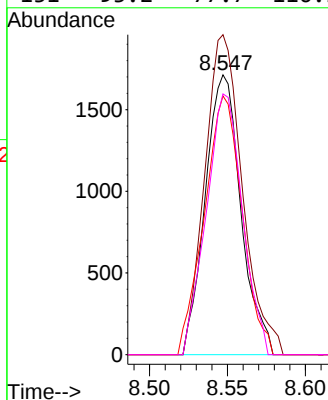
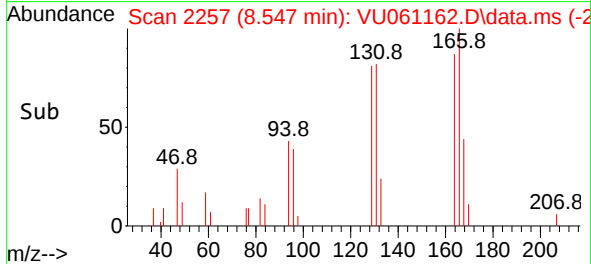
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



Tgt Ion:164 Resp: 272
Ion Ratio Lower Upper
164 100
166 114.4 102.1 153.1
129 92.5 80.6 120.8
131 93.2 77.7 116.5

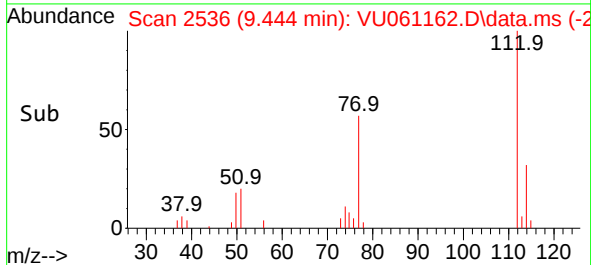
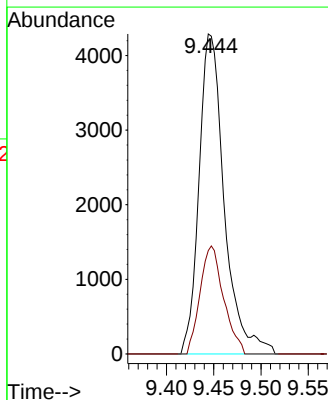
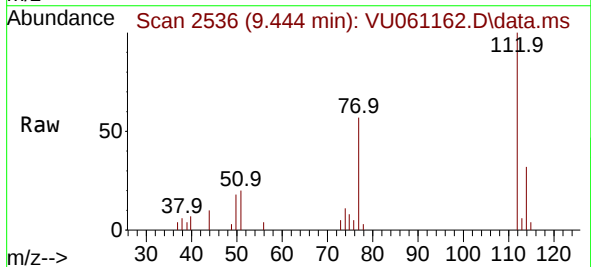
Manual Integrations
APPROVED

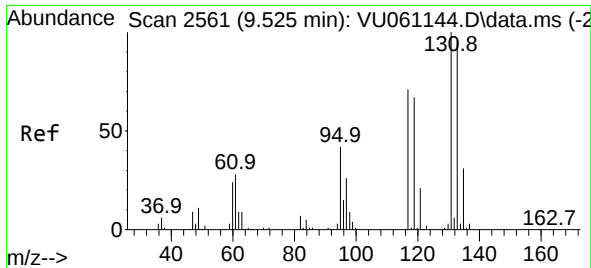
Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024



#59
Chlorobenzene
Concen: 0.230 ug/l
RT: 9.444 min Scan# 2536
Delta R.T. 0.006 min
Lab File: VU061162.D
Acq: 18 Oct 2024 13:49

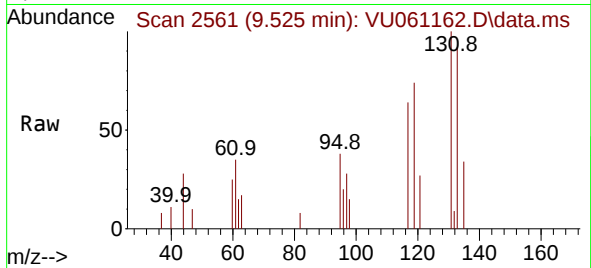
Tgt Ion:112 Resp: 7958
Ion Ratio Lower Upper
112 100
114 32.3 25.4 38.2





#60
1,1,1,2-Tetrachloroethane
Concen: 0.229 ug/l
RT: 9.525 min Scan# 2561
Delta R.T. -0.000 min
Lab File: VU061162.D
Acq: 18 Oct 2024 13:49

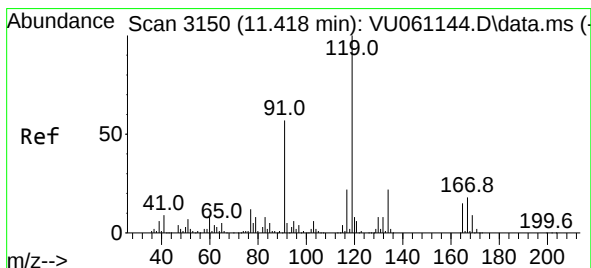
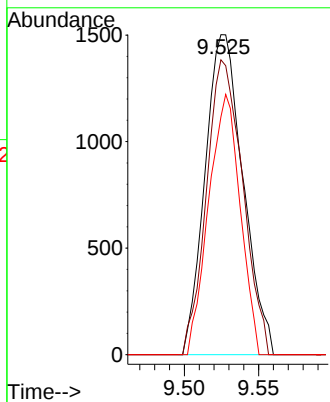
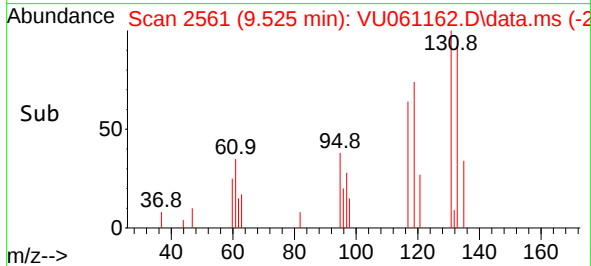
Instrument : MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



Tgt Ion:131 Resp: 266
Ion Ratio Lower Upper
131 100
133 88.1 76.8 115.2
119 67.5 54.2 81.2

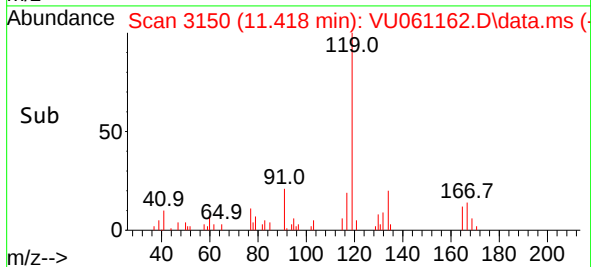
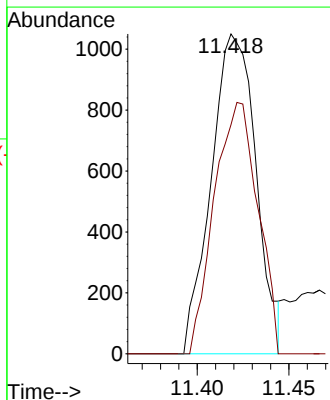
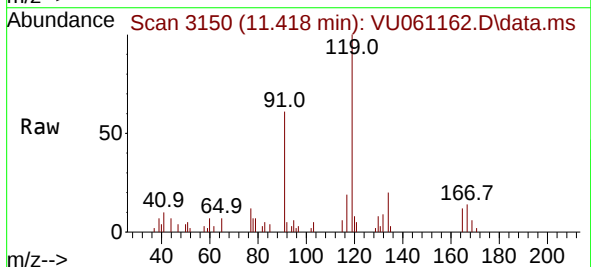
Manual Integrations
APPROVED

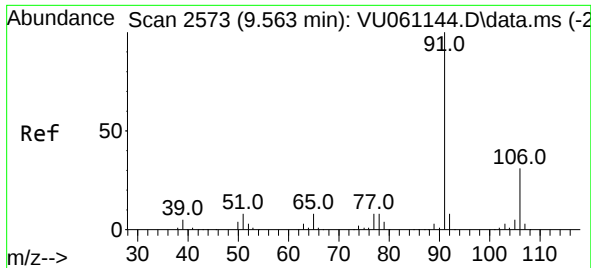
Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024



#61
Pentachloroethane
Concen: 0.200 ug/l
RT: 11.418 min Scan# 3150
Delta R.T. -0.000 min
Lab File: VU061162.D
Acq: 18 Oct 2024 13:49

Tgt Ion:117 Resp: 1789
Ion Ratio Lower Upper
117 100
167 76.2 63.4 95.2





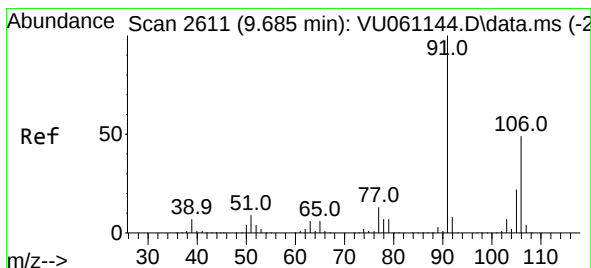
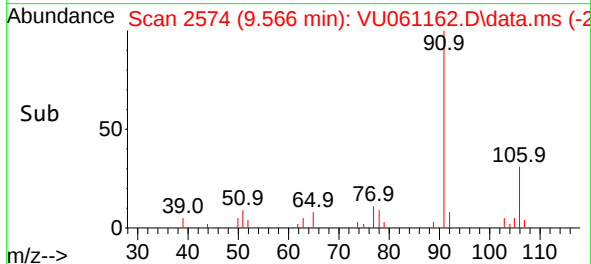
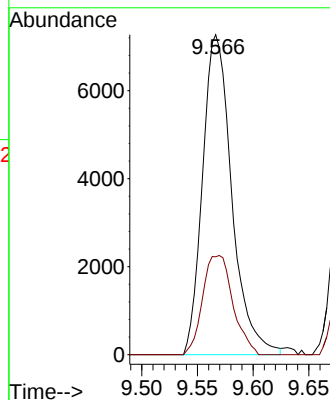
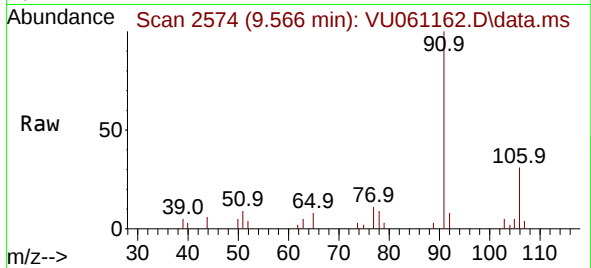
#63
Ethyl Benzene
Concen: 0.214 ug/l
RT: 9.566 min Scan# 2127
Delta R.T. 0.003 min
Lab File: VU061162.D
Acq: 18 Oct 2024 13:49

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

Tgt Ion: 91 Resp: 1327
Ion Ratio Lower Upper
91 100
106 30.6 24.6 37.0

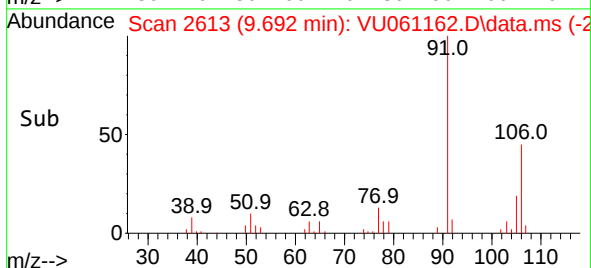
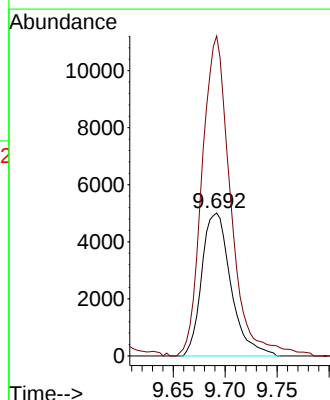
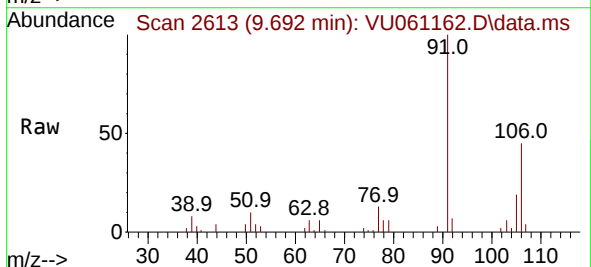
Manual Integrations
APPROVED

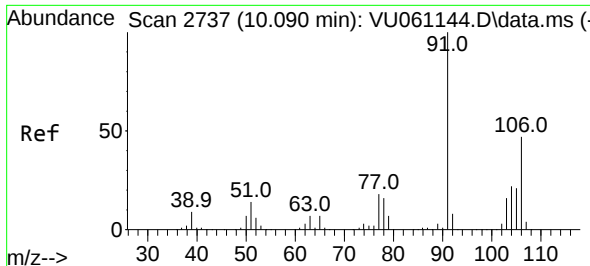
Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024



#64
m/p-Xylenes
Concen: 0.414 ug/l
RT: 9.692 min Scan# 2613
Delta R.T. 0.006 min
Lab File: VU061162.D
Acq: 18 Oct 2024 13:49

Tgt Ion:106 Resp: 9763
Ion Ratio Lower Upper
106 100
91 220.1 163.3 244.9





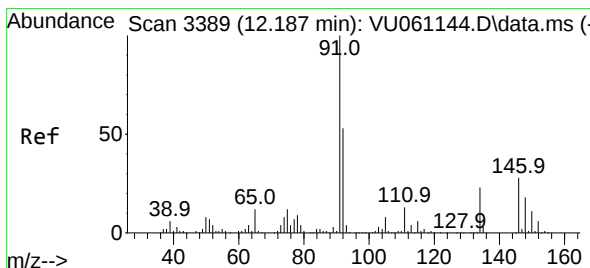
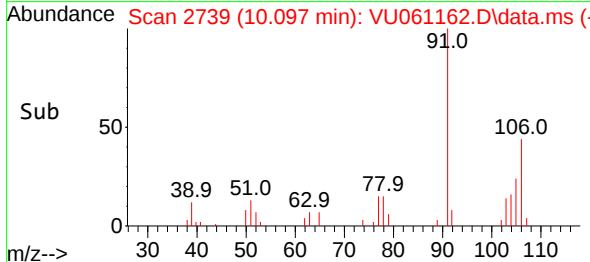
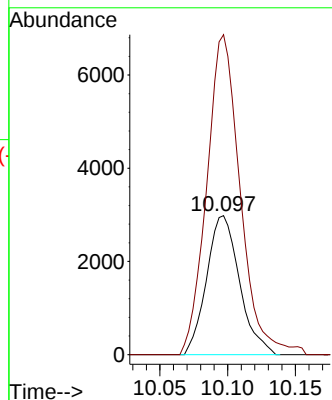
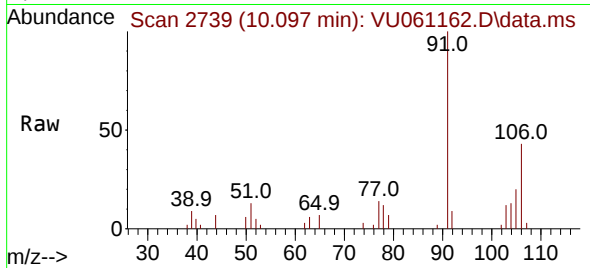
#65
o-Xylene
Concen: 0.217 ug/l
RT: 10.097 min Scan# 21
Delta R.T. 0.006 min
Lab File: VU061162.D
Acq: 18 Oct 2024 13:49

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

Tgt Ion:106 Resp: 504
Ion Ratio Lower Upper
106 100
91 234.2 106.9 320.8

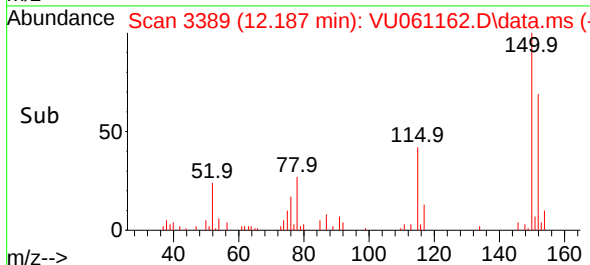
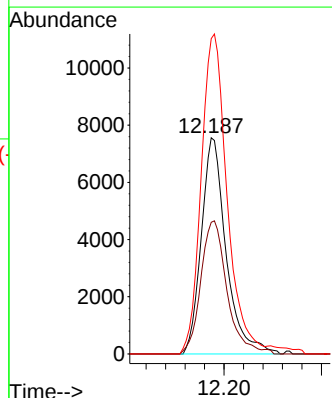
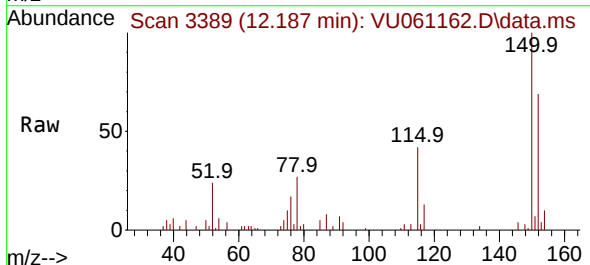
Manual Integrations
APPROVED

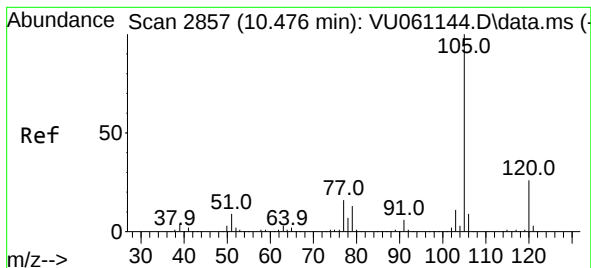
Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024



#68
1,2-Dichlorobenzene-d4
Concen: 0.954 ug/l
RT: 12.187 min Scan# 3389
Delta R.T. -0.000 min
Lab File: VU061162.D
Acq: 18 Oct 2024 13:49

Tgt Ion:152 Resp: 13376
Ion Ratio Lower Upper
152 100
115 65.0 0.0 275.0
150 157.5 0.0 668.8





#69

Isopropylbenzene

Concen: 0.219 ug/l

RT: 10.480 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU061162.D

Acq: 18 Oct 2024 13:49

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT4-2024

Tgt Ion:105 Resp: 12089

Ion Ratio Lower Upper

105 100

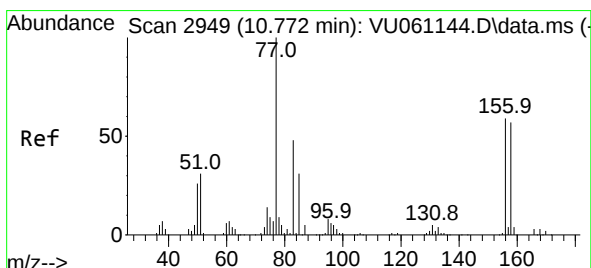
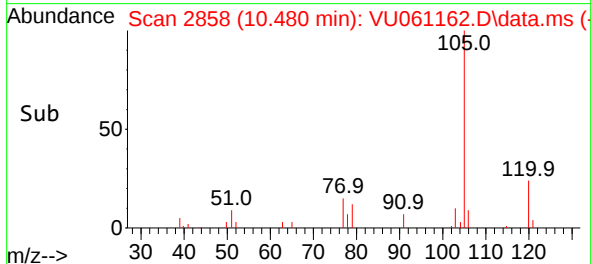
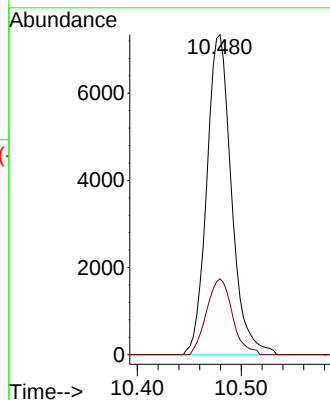
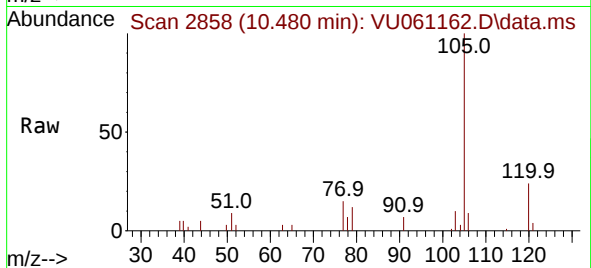
120 24.8 13.1 39.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/25/2024

Supervised By :Semsettin Yesilyurt 10/25/2024



#70

1,1,2,2-Tetrachloroethane

Concen: 0.224 ug/l

RT: 10.775 min Scan# 2950

Delta R.T. 0.003 min

Lab File: VU061162.D

Acq: 18 Oct 2024 13:49

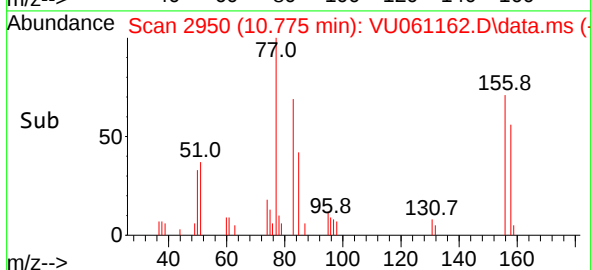
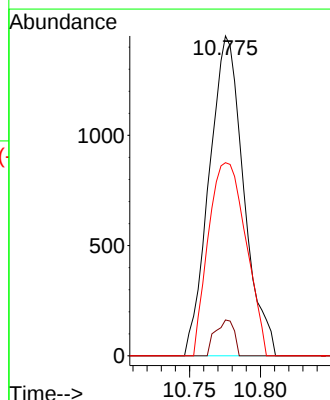
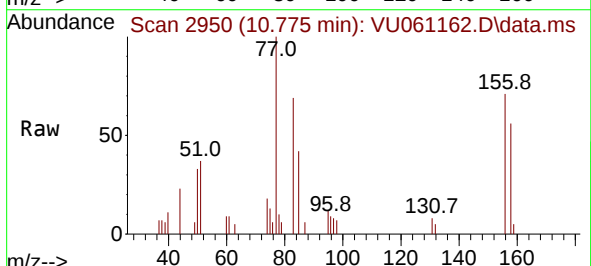
Tgt Ion: 83 Resp: 2454

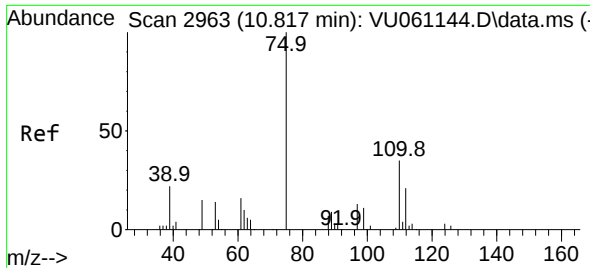
Ion Ratio Lower Upper

83 100

131 6.1 7.8 11.8#

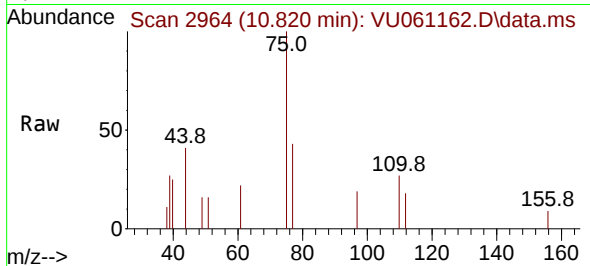
85 65.8 50.8 76.2





#71
1,2,3-Trichloropropane
Concen: 0.246 ug/l m
RT: 10.820 min Scan# 2963
Delta R.T. 0.003 min
Lab File: VU061162.D
Acq: 18 Oct 2024 13:49

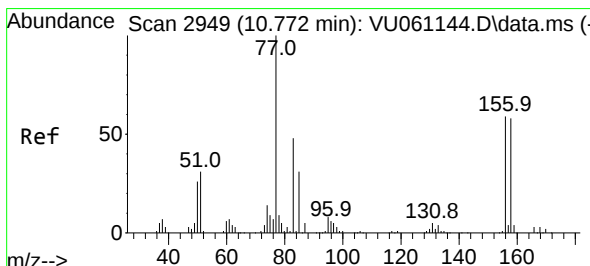
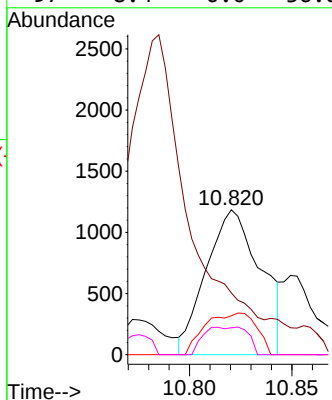
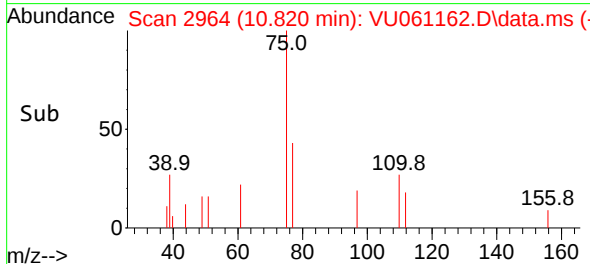
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



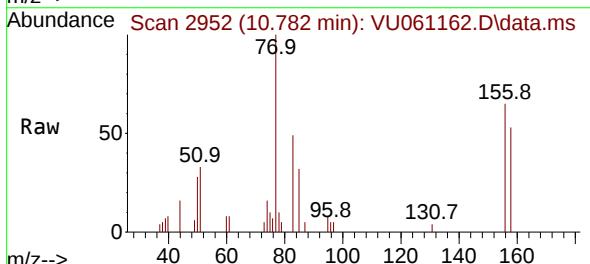
Tgt Ion: 75 Resp: 2190
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0
110 27.0 0.0 68.6
97 8.4 0.0 36.8

Manual Integrations
APPROVED

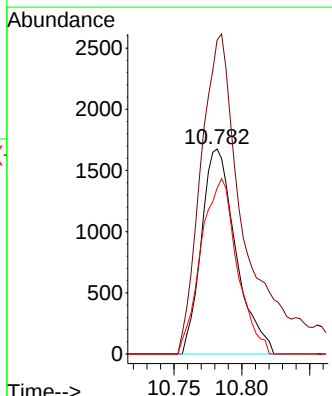
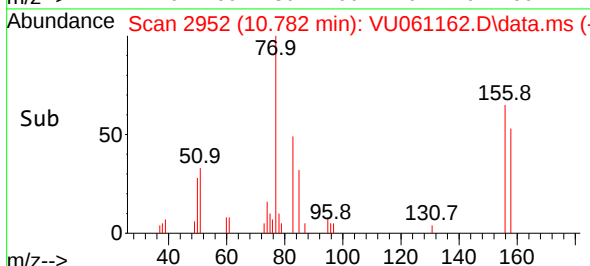
Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024

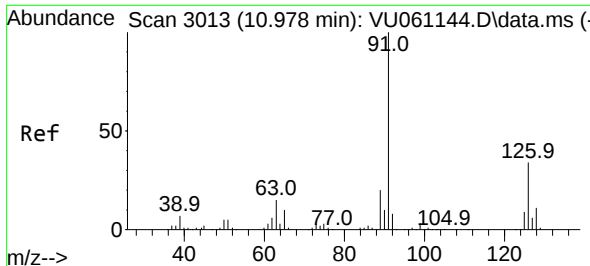


#72
Bromobenzene
Concen: 0.223 ug/l
RT: 10.782 min Scan# 2952
Delta R.T. 0.010 min
Lab File: VU061162.D
Acq: 18 Oct 2024 13:49



Tgt Ion:156 Resp: 2961
Ion Ratio Lower Upper
156 100
77 200.6 0.0 337.2
158 89.6 0.0 192.8





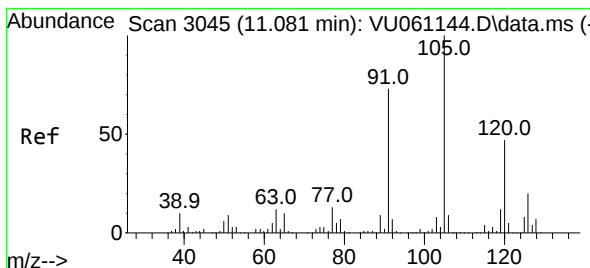
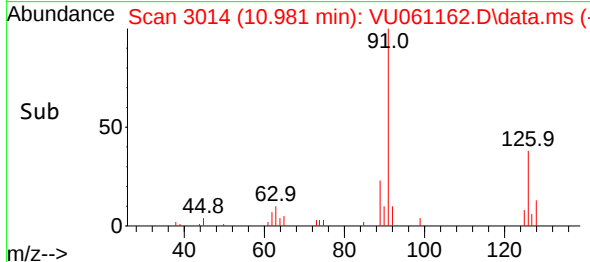
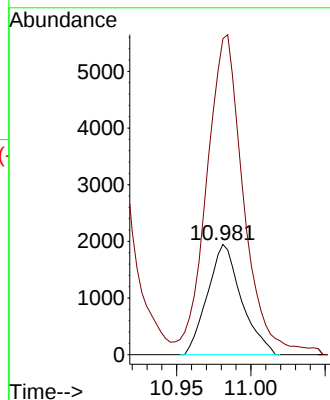
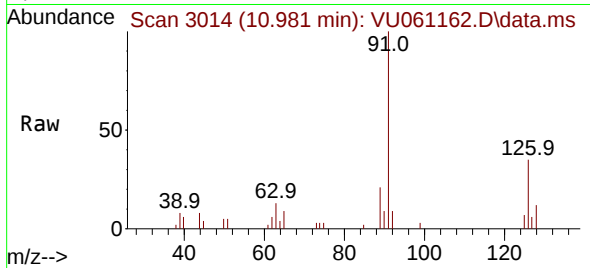
#74
2-Chlorotoluene
Concen: 0.222 ug/l
RT: 10.981 min Scan# 3013
Delta R.T. 0.003 min
Lab File: VU061162.D
Acq: 18 Oct 2024 13:49

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

Tgt Ion:126 Resp: 3094
Ion Ratio Lower Upper
126 100
91 315.8 0.0 595.2

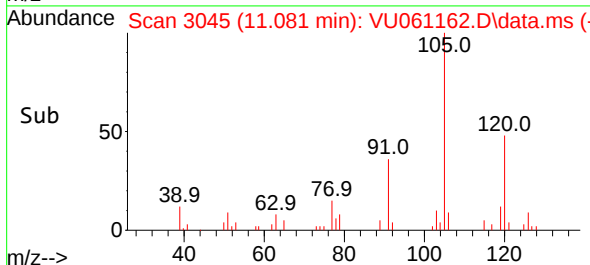
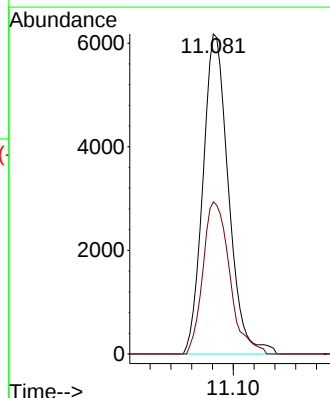
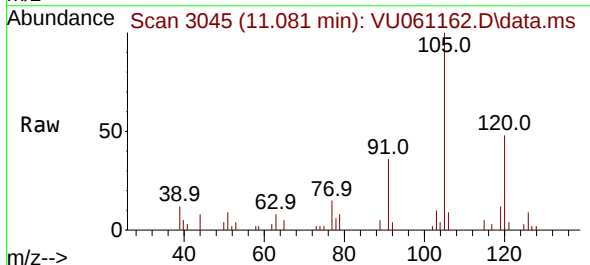
Manual Integrations
APPROVED

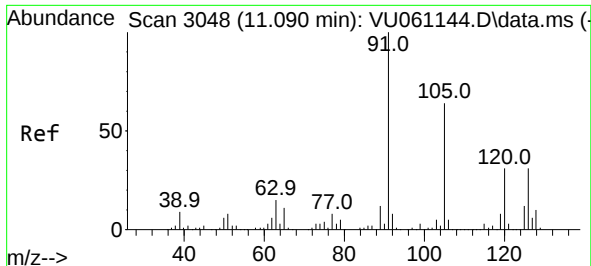
Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024



#75
1,3,5-Trimethylbenzene
Concen: 0.211 ug/l
RT: 11.081 min Scan# 3045
Delta R.T. -0.000 min
Lab File: VU061162.D
Acq: 18 Oct 2024 13:49

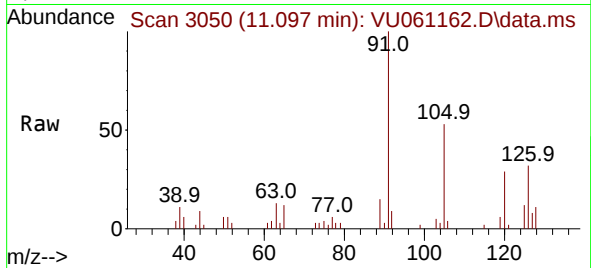
Tgt Ion:105 Resp: 10530
Ion Ratio Lower Upper
105 100
120 49.9 38.0 57.0





#76
4-Chlorotoluene
Concen: 0.218 ug/l
RT: 11.097 min Scan# 3048
Delta R.T. 0.006 min
Lab File: VU061162.D
Acq: 18 Oct 2024 13:49

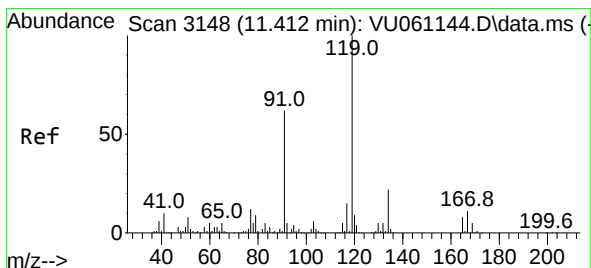
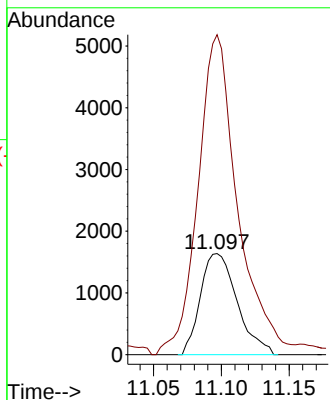
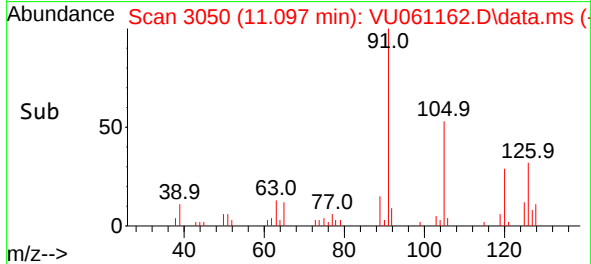
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



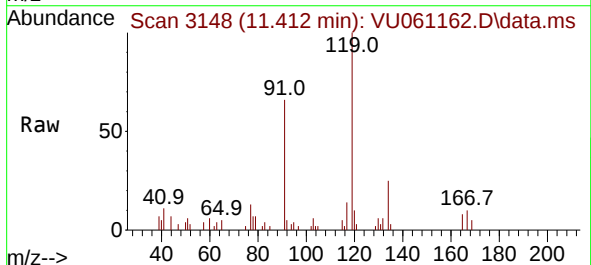
Tgt Ion:126 Resp: 3089
Ion Ratio Lower Upper
126 100
91 341.6 0.0 678.2

Manual Integrations
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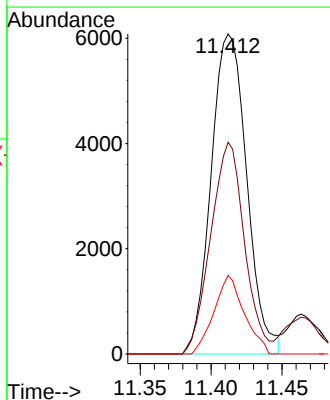
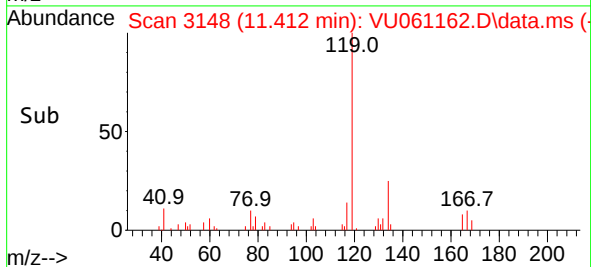
Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024

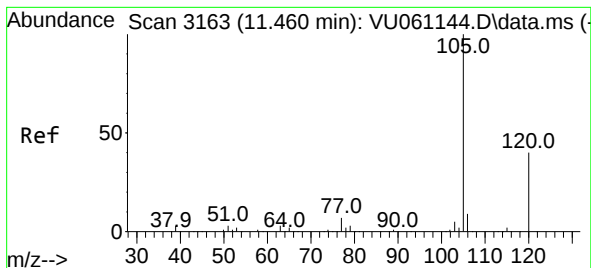


#77
tert-Butylbenzene
Concen: 0.216 ug/l
RT: 11.412 min Scan# 3148
Delta R.T. -0.000 min
Lab File: VU061162.D
Acq: 18 Oct 2024 13:49



Tgt Ion:119 Resp: 10633
Ion Ratio Lower Upper
119 100
91 63.0 30.1 90.5
134 20.9 17.5 26.3





#78

1,2,4-Trimethylbenzene

Concen: 0.213 ug/l

RT: 11.463 min Scan# 3163

Delta R.T. 0.003 min

Lab File: VU061162.D

Acq: 18 Oct 2024 13:49

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT4-2024

Tgt Ion:105 Resp: 10729

Ion Ratio Lower Upper

105 100

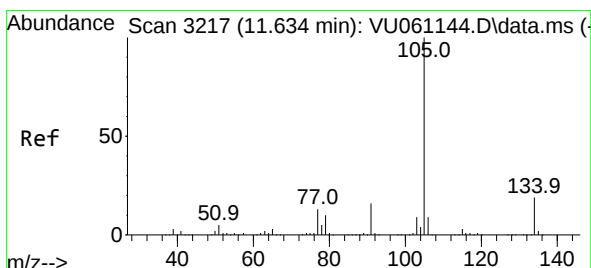
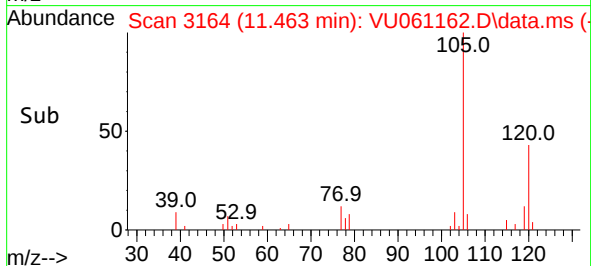
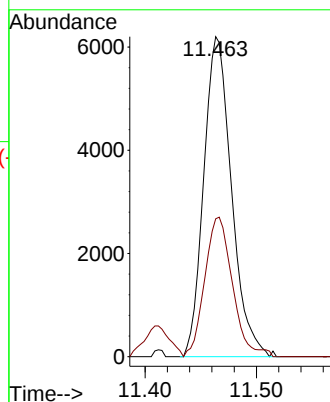
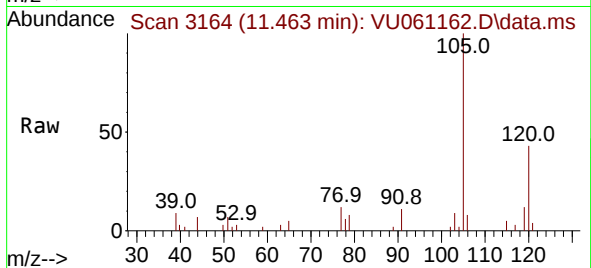
120 43.5 22.3 66.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/25/2024

Supervised By :Semsettin Yesilyurt 10/25/2024



#79

sec-Butylbenzene

Concen: 0.213 ug/l

RT: 11.637 min Scan# 3218

Delta R.T. 0.003 min

Lab File: VU061162.D

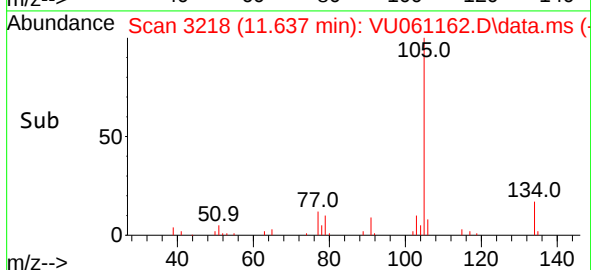
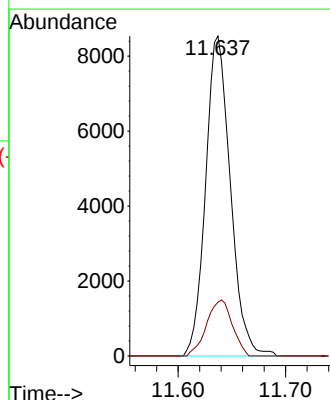
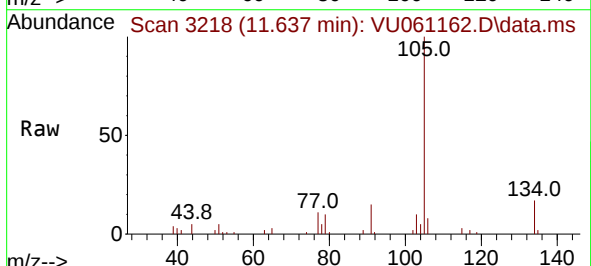
Acq: 18 Oct 2024 13:49

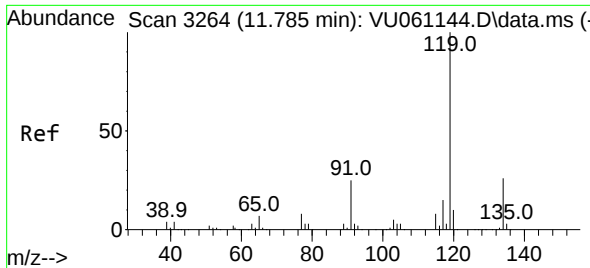
Tgt Ion:105 Resp: 13661

Ion Ratio Lower Upper

105 100

134 18.1 15.5 23.3





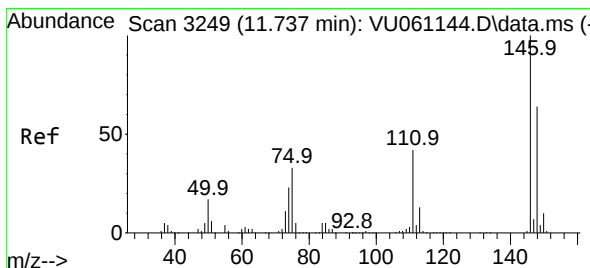
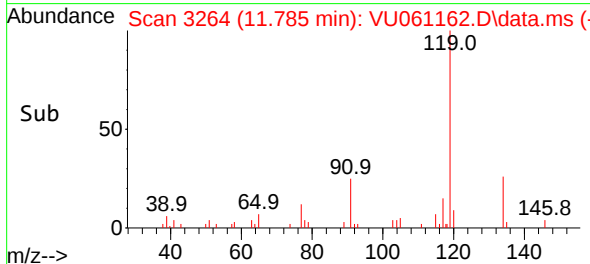
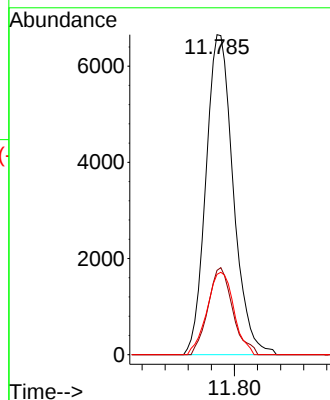
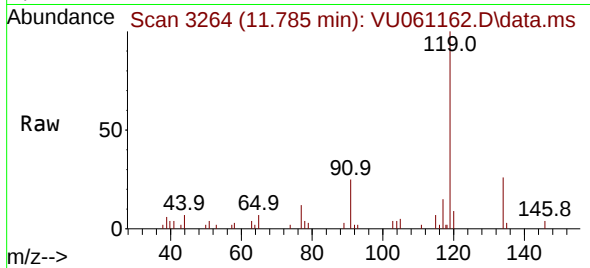
#81
p-Isopropyltoluene
Concen: 0.206 ug/l
RT: 11.785 min Scan# 3120
Delta R.T. -0.000 min
Lab File: VU061162.D
Acq: 18 Oct 2024 13:49

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

Tgt Ion:	119	Resp:	10920
Ion	Ratio	Lower	Upper
119	100		
134	24.6	21.0	31.6
91	25.2	19.8	29.8

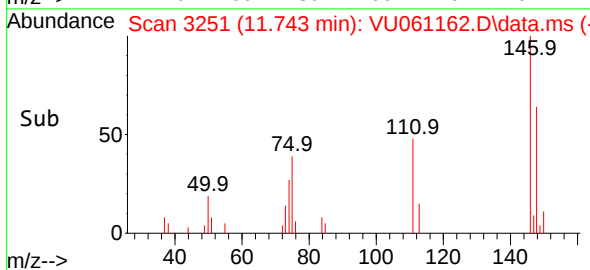
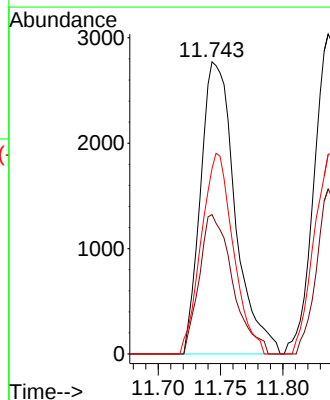
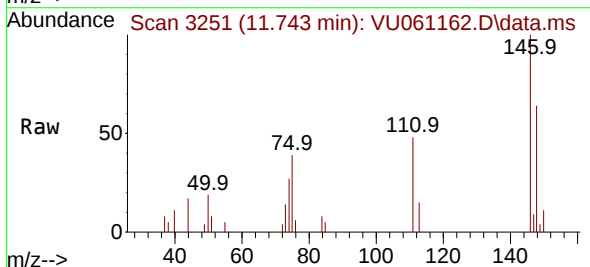
Manual Integrations
APPROVED

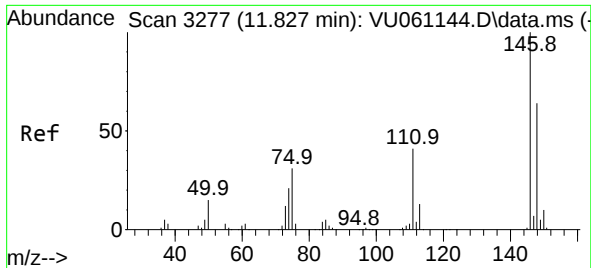
Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024



#82
1,3-Dichlorobenzene
Concen: 0.209 ug/l
RT: 11.743 min Scan# 3251
Delta R.T. 0.006 min
Lab File: VU061162.D
Acq: 18 Oct 2024 13:49

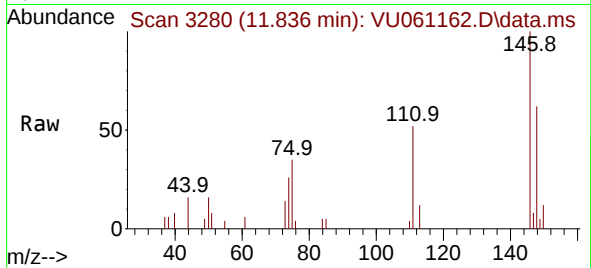
Tgt Ion:	146	Resp:	5327
Ion	Ratio	Lower	Upper
146	100		
111	46.3	34.1	51.1
148	63.9	51.2	76.8





#83
1,4-Dichlorobenzene
Concen: 0.231 ug/l
RT: 11.836 min Scan# 3277
Delta R.T. 0.010 min
Lab File: VU061162.D
Acq: 18 Oct 2024 13:49

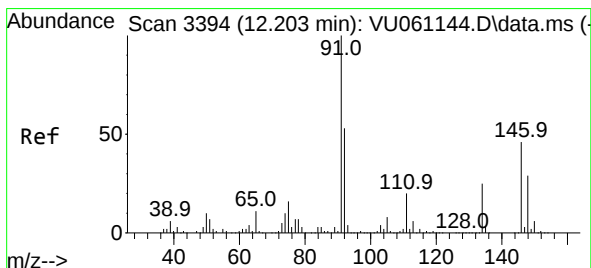
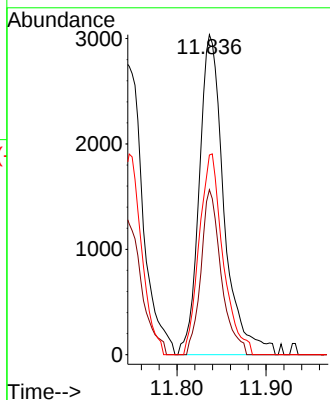
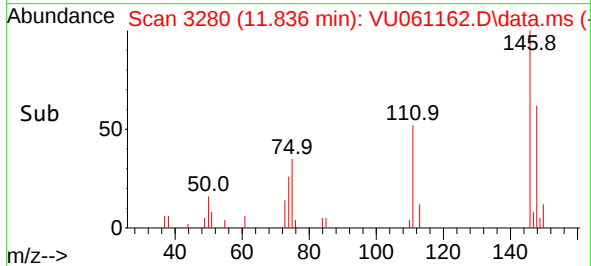
Instrument : MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



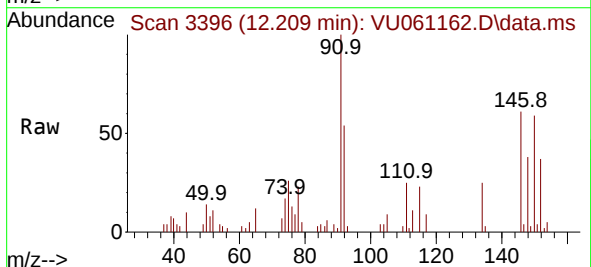
Tgt Ion:146 Resp: 5870
Ion Ratio Lower Upper
146 100
111 42.0 32.1 48.1
148 60.3 50.3 75.5

Manual Integrations
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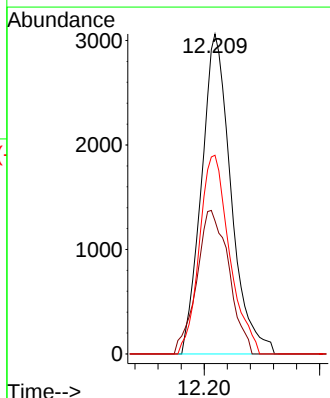
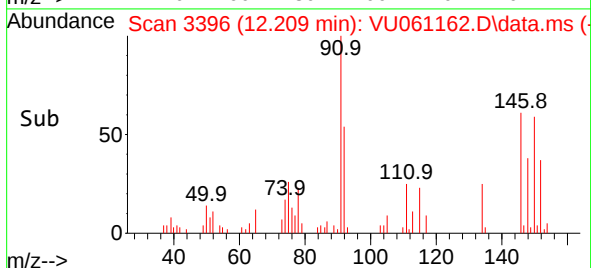
Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024

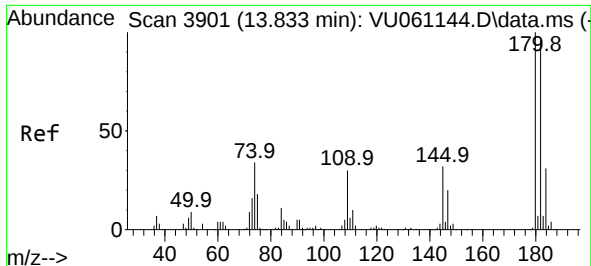


#85
1,2-Dichlorobenzene
Concen: 0.228 ug/l
RT: 12.209 min Scan# 3396
Delta R.T. 0.006 min
Lab File: VU061162.D
Acq: 18 Oct 2024 13:49



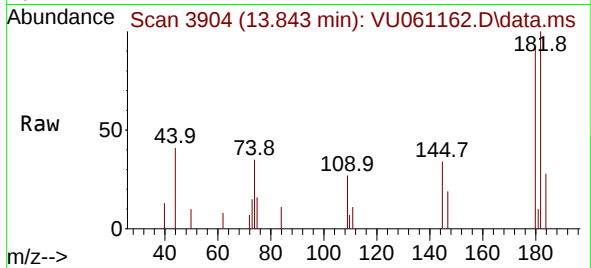
Tgt Ion:146 Resp: 5436
Ion Ratio Lower Upper
146 100
111 48.8 21.9 65.7
148 63.4 31.9 95.5





#87
1,2,4-Trichlorobenzene
Concen: 0.215 ug/l
RT: 13.843 min Scan# 3904
Delta R.T. 0.010 min
Lab File: VU061162.D
Acq: 18 Oct 2024 13:49

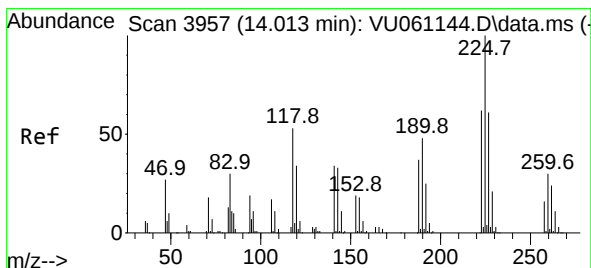
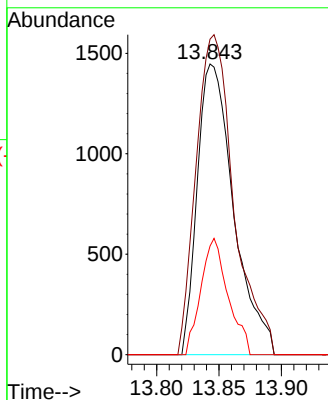
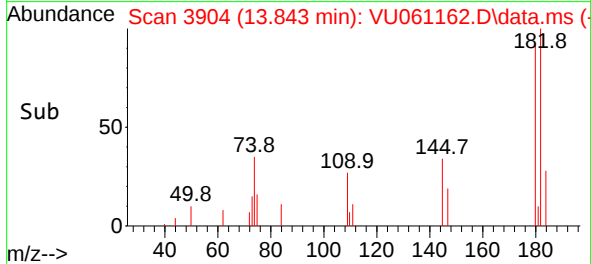
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



Tgt Ion:180 Resp: 2934
Ion Ratio Lower Upper
180 100
182 114.2 77.0 115.6
145 30.0 25.7 38.5

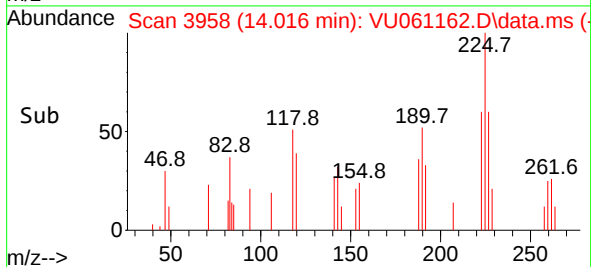
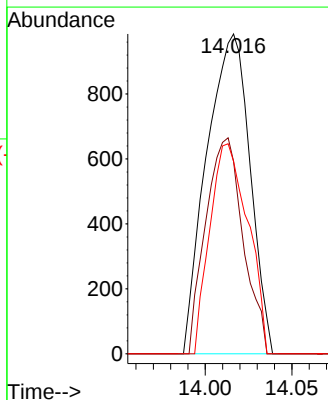
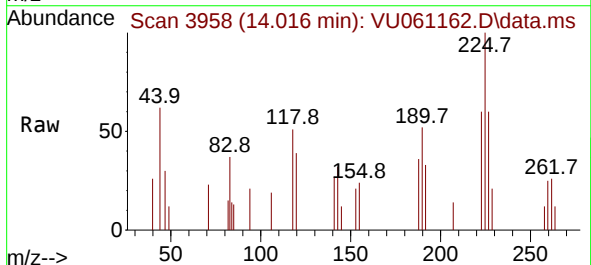
Manual Integrations
APPROVED

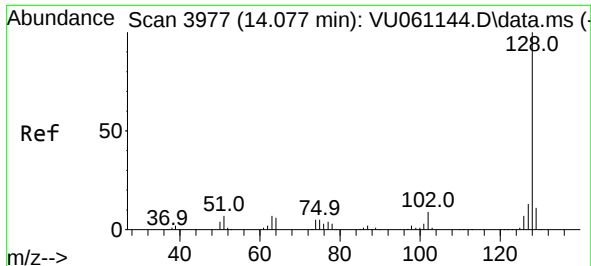
Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024



#88
Hexachlorobutadiene
Concen: 0.222 ug/l
RT: 14.016 min Scan# 3958
Delta R.T. 0.003 min
Lab File: VU061162.D
Acq: 18 Oct 2024 13:49

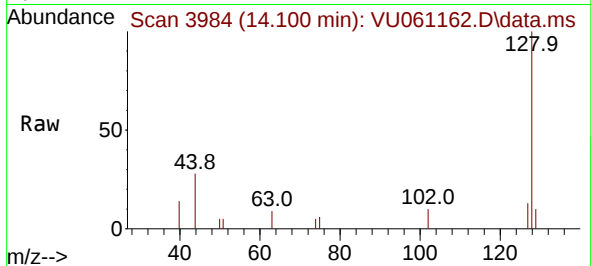
Tgt Ion:225 Resp: 1710
Ion Ratio Lower Upper
225 100
223 58.4 51.4 77.2
227 57.8 50.3 75.5





#89
Naphthalene
Concen: 0.254 ug/l
RT: 14.100 min Scan# 3977
Delta R.T. 0.022 min
Lab File: VU061162.D
Acq: 18 Oct 2024 13:49

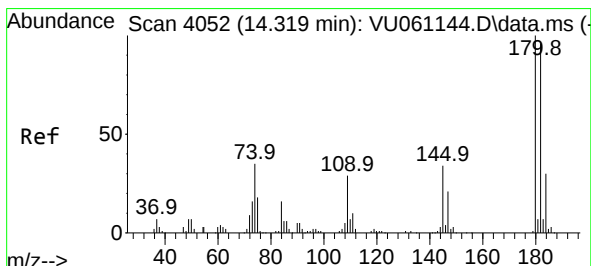
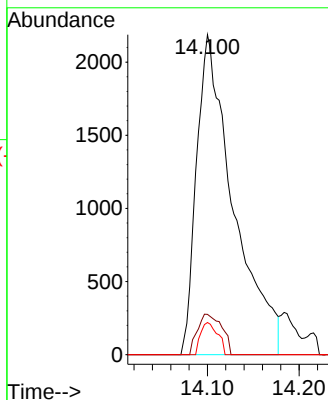
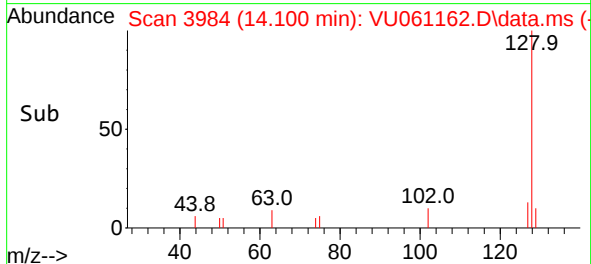
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



Tgt Ion:128 Resp: 610
Ion Ratio Lower Upper
128 100
127 8.3 10.6 16.0
129 4.6 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024



#90
1,2,3-Trichlorobenzene
Concen: 0.240 ug/l
RT: 14.331 min Scan# 4056
Delta R.T. 0.013 min
Lab File: VU061162.D
Acq: 18 Oct 2024 13:49

Tgt Ion:180 Resp: 2937
Ion Ratio Lower Upper
180 100
182 94.8 76.2 114.4
145 29.6 26.8 40.2

