

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101824\
 Data File : VU061164.D
 Acq On : 18 Oct 2024 14:38
 Operator : MD/SY
 Sample : P4368-07
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

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

Quant Time: Oct 19 00:15:18 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	27360	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.627	95	14208	0.977	ug/l	0.00
Spiked Amount 1.000			Recovery	=	98.000%	
68) 1,2-Dichlorobenzene-d4	12.187	152	13953	0.974	ug/l	0.00
Spiked Amount 1.000			Recovery	=	97.000%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	12299	0.816	ug/l	99
3) Chloromethane	1.515	50	12442	0.868	ug/l	99
4) Vinyl Chloride	1.599	62	12316	0.836	ug/l	98
5) Bromomethane	1.856	94	7741	0.837	ug/l	97
6) Chloroethane	1.930	64	8007	0.812	ug/l	99
7) Trichlorofluoromethane	2.132	101	16983	0.811	ug/l	98
8) 1,1,2-Trichloro-1,2,2-...	2.573	101	8629	0.829	ug/l	95
9) 1,1-Dichloroethene	2.573	96	9327	0.859	ug/l	95
10) Iodomethane	2.714	142	9585	0.742	ug/l	100
11) Allyl Chloride	2.917	41	11378	0.814	ug/l	95
12) Acrylonitrile	3.338	53	3679m	1.685	ug/l	
13) Acetone	2.653	43	11345m	3.984	ug/l	
14) Carbon Disulfide	2.788	76	30485	0.815	ug/l	100
15) Methylene Chloride	3.039	84	11636	0.828	ug/l	97
16) trans-1,2-Dichloroethene	3.348	96	9788	0.769	ug/l	97
17) 1,1-Dichloroethane	3.859	63	18774	0.832	ug/l	97
18) 2-Butanone	4.737	43	14268m	4.092	ug/l	
19) Cyclohexane	5.380	56	16325m	0.807	ug/l	
20) Methylcyclohexane	6.756	83	17788	0.789	ug/l	98
21) 2,2-Dichloropropane	4.650	77	16503	0.793	ug/l	96
22) cis-1,2-Dichloroethene	4.663	96	11729	0.846	ug/l	95
23) Diethyl Ether	2.374	59	7155	0.848	ug/l	95
24) tert-Butyl Alcohol	3.255	59	8037m	9.132	ug/l	
25) Methyl tert-Butyl Ether	3.354	73	24055	0.827	ug/l	95
26) Bromochloromethane	4.968	128	4835	0.834	ug/l	98
27) Chloroform	5.081	83	19613	0.829	ug/l	91
28) 1,1,1-Trichloroethane	5.309	97	17042	0.817	ug/l	99
29) 1,1-Dichloropropene	5.521	75	14826	0.804	ug/l	99
30) Carbon Tetrachloride	5.518	117	14774	0.816	ug/l	99
31) Isopropyl Ether	3.985	45	26763	0.831	ug/l	98
32) Ethyl-t-butyl ether	4.493	59	26455	0.799	ug/l	98
33) Tert-Amyl methyl ether	5.930	73	24101	0.809	ug/l	98
34) Propionitrile	4.833	54	3414m	4.104	ug/l	
35) Benzene	5.769	78	43753	0.842	ug/l	99
36) 1,2-Dichloroethane	5.792	62	12415	0.847	ug/l	96
37) Trichloroethene	6.537	130	11796	0.851	ug/l	99
38) 1,2-Dichloropropane	6.785	63	11081	0.842	ug/l	99
39) Methacrylonitrile	4.997	41	2252	0.752	ug/l #	88
40) Methyl acrylate	4.885	55	5166m	0.850	ug/l	
41) Tetrahydrofuran	5.074	42	3015	1.676	ug/l	87
42) 1-Chlorobutane	5.454	56	17793	0.752	ug/l	91
43) Dibromomethane	6.914	93	5610	0.822	ug/l	99
44) Bromodichloromethane	7.097	83	13150	0.793	ug/l	98

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 LOD-MDL-WATER-01-QT4-2024

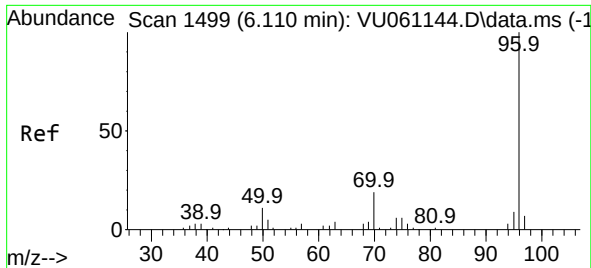
Quant Time: Oct 19 00:15:18 2024
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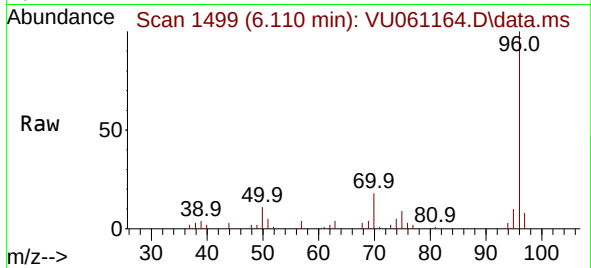
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.788	43	26453	3.864	ug/l	99
46) t-1,4-Dichloro-2-butene	10.830	75	4208m	1.541	ug/l	
47) Methyl methacrylate	6.965	69	9231	1.557	ug/l	96
48) Ethyl methacrylate	8.332	69	9742	0.771	ug/l	98
49) Toluene	7.965	92	27102	0.826	ug/l	99
50) t-1,3-Dichloropropene	8.206	75	12155	0.760	ug/l	97
51) cis-1,3-Dichloropropene	7.605	75	15818	0.806	ug/l	98
52) 1,1,2-Trichloroethane	8.393	97	7641	0.831	ug/l	96
53) 1,3-Dichloropropane	8.570	76	13568	0.840	ug/l	99
54) 2-Hexanone	8.685	43	19694	3.501	ug/l	94
55) Dibromochloromethane	8.801	129	8299	0.764	ug/l	99
56) 1,2-Dibromoethane	8.917	107	7034	0.797	ug/l	99
58) Tetrachloroethene	8.547	164	9695	0.825	ug/l	99
59) Chlorobenzene	9.441	112	29252	0.828	ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.524	131	9894	0.830	ug/l	99
61) Pentachloroethane	11.418	117	7107	0.779	ug/l	96
62) Hexachloroethane	12.466	117	6513	0.693	ug/l	93
63) Ethyl Benzene	9.563	91	50330	0.795	ug/l	98
64) m/p-Xylenes	9.685	106	38955	1.617	ug/l	97
65) o-Xylene	10.094	106	19040	0.802	ug/l	98
66) Styrene	10.110	104	28003	0.759	ug/l	99
67) Bromoform	10.287	173	4505	0.792	ug/l	96
69) Isopropylbenzene	10.476	105	43959	0.779	ug/l	98
70) 1,1,2,2-Tetrachloroethane	10.775	83	9139	0.818	ug/l	99
71) 1,2,3-Trichloropropane	10.820	75	7814m	0.859	ug/l	
72) Bromobenzene	10.778	156	10930	0.805	ug/l	98
73) n-propylbenzene	10.897	120	12082	0.733	ug/l	91
74) 2-Chlorotoluene	10.978	126	11125	0.781	ug/l	91
75) 1,3,5-Trimethylbenzene	11.081	105	39368	0.773	ug/l	98
76) 4-Chlorotoluene	11.094	126	11385	0.786	ug/l	98
77) tert-Butylbenzene	11.412	119	39731	0.790	ug/l	99
78) 1,2,4-Trimethylbenzene	11.460	105	38188	0.743	ug/l	98
79) sec-Butylbenzene	11.634	105	51593	0.787	ug/l	99
81) p-Isopropyltoluene	11.785	119	40754	0.751	ug/l	100
82) 1,3-Dichlorobenzene	11.740	146	20466	0.786	ug/l	99
83) 1,4-Dichlorobenzene	11.833	146	21098	0.812	ug/l	98
84) n-Butylbenzene	12.203	91	36842	0.732	ug/l	98
85) 1,2-Dichlorobenzene	12.209	146	19581	0.804	ug/l	98
86) 1,2-Dibromo-3-Chloropr...	12.994	75	1307	0.788	ug/l #	86
87) 1,2,4-Trichlorobenzene	13.839	180	9735	0.699	ug/l	96
88) Hexachlorobutadiene	14.013	225	5849	0.743	ug/l	96
89) Naphthalene	14.090	128	15289	0.622	ug/l	96
90) 1,2,3-Trichlorobenzene	14.325	180	8557	0.684	ug/l	94

(#) = 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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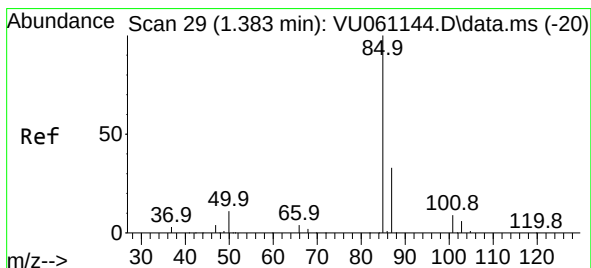
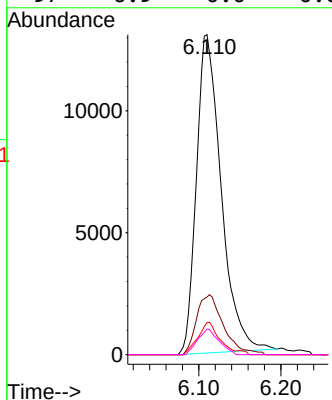
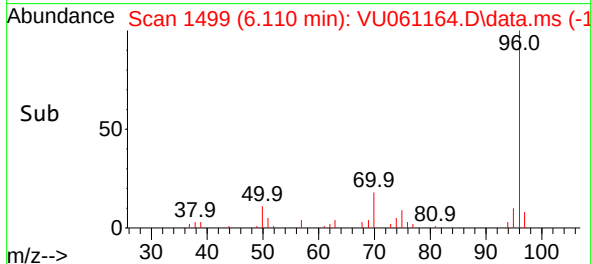
Instrument : MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



Tgt Ion: 96 Resp: 27360
Ion Ratio Lower Upper
96 100
70 20.4 16.1 24.1
95 7.7 0.0 0.0
97 6.9 0.0 0.0

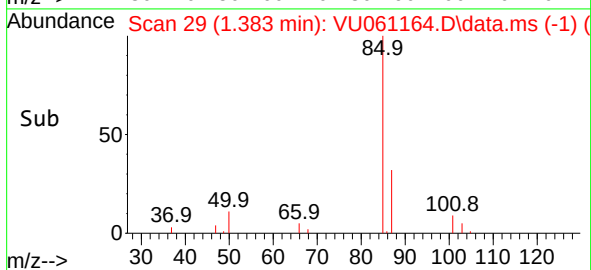
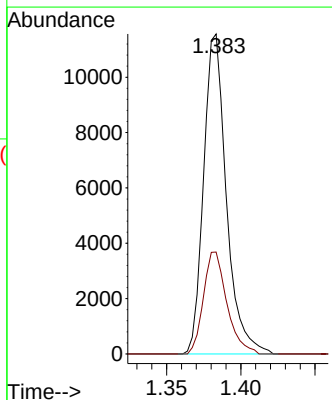
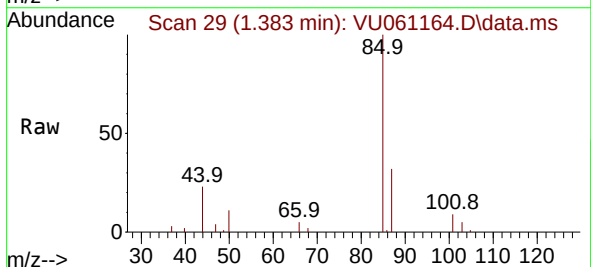
Manual Integrations
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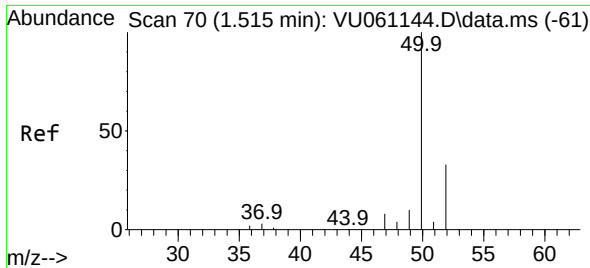
Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024



#2
Dichlorodifluoromethane
Concen: 0.816 ug/l
RT: 1.383 min Scan# 29
Delta R.T. -0.000 min
Lab File: VU061164.D
Acq: 18 Oct 2024 14:38

Tgt Ion: 85 Resp: 12299
Ion Ratio Lower Upper
85 100
87 31.8 16.3 48.9





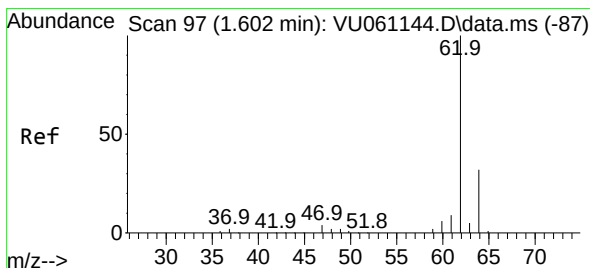
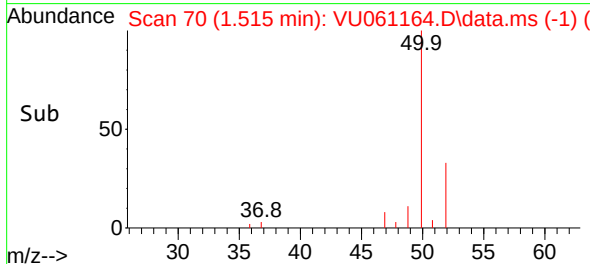
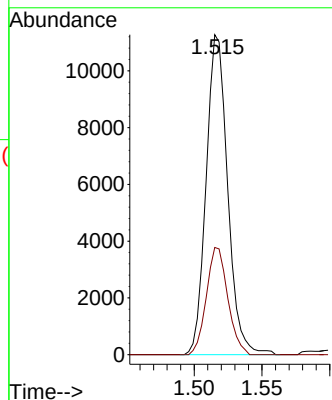
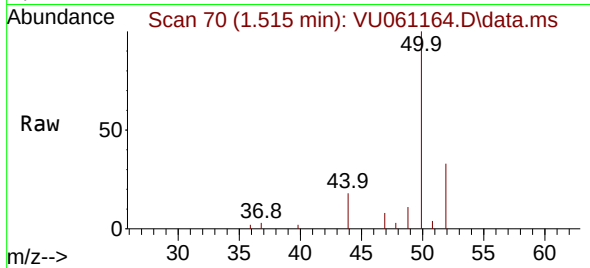
#3
Chloromethane
Concen: 0.868 ug/l
RT: 1.515 min Scan# 70
Delta R.T. -0.000 min
Lab File: VU061164.D
Acq: 18 Oct 2024 14:38

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

Tgt Ion: 50 Resp: 1244
Ion Ratio Lower Upper
50 100
52 33.5 26.2 39.2

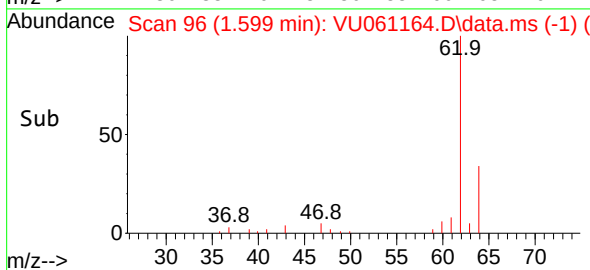
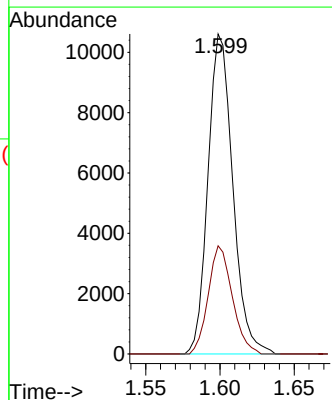
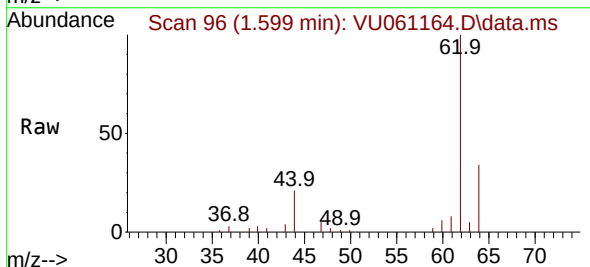
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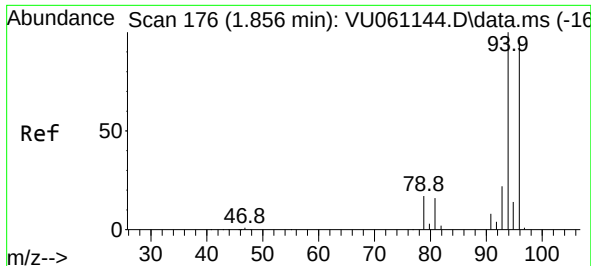
Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024



#4
Vinyl Chloride
Concen: 0.836 ug/l
RT: 1.599 min Scan# 96
Delta R.T. -0.003 min
Lab File: VU061164.D
Acq: 18 Oct 2024 14:38

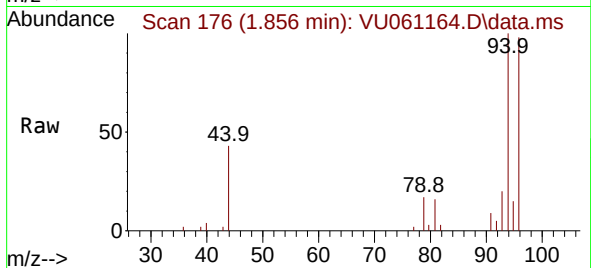
Tgt Ion: 62 Resp: 12316
Ion Ratio Lower Upper
62 100
64 33.8 25.9 38.9





#5
Bromomethane
Concen: 0.837 ug/l
RT: 1.856 min Scan# 176
Delta R.T. -0.000 min
Lab File: VU061164.D
Acq: 18 Oct 2024 14:38

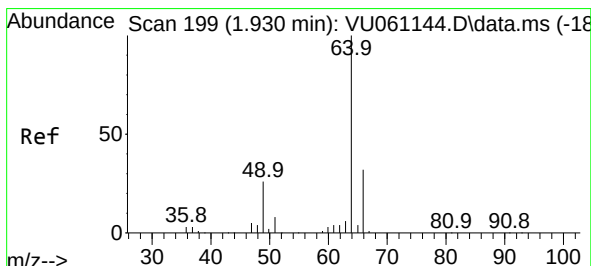
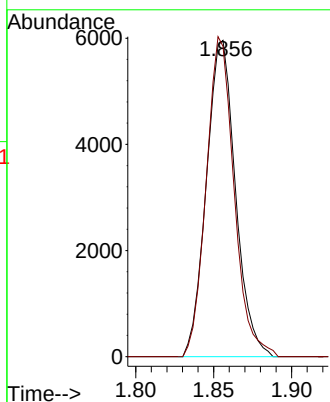
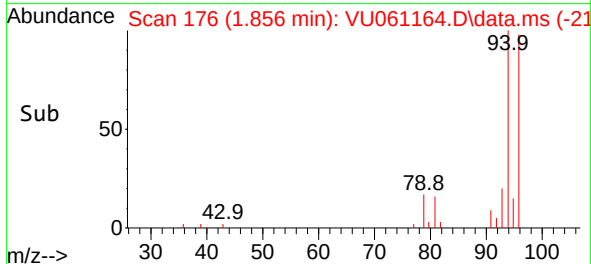
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



Tgt Ion: 94 Resp: 774
Ion Ratio Lower Upper
94 100
96 98.1 76.5 114.7

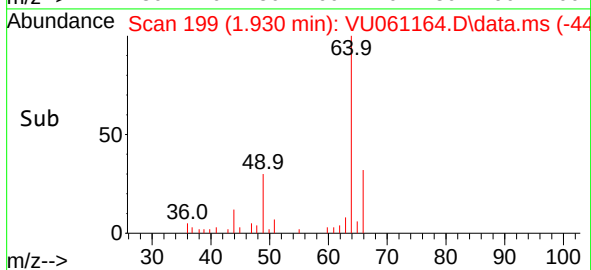
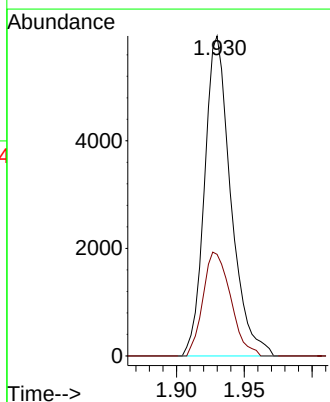
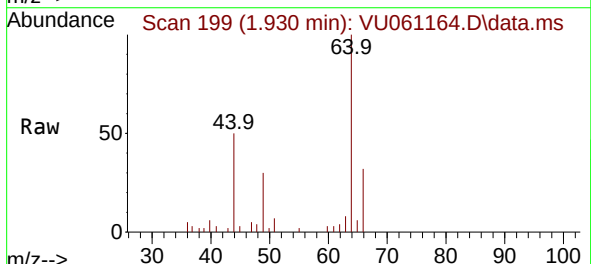
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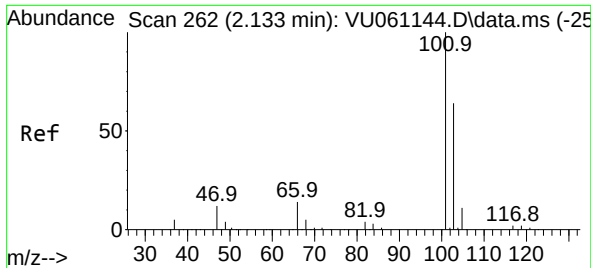
Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024



#6
Chloroethane
Concen: 0.812 ug/l
RT: 1.930 min Scan# 199
Delta R.T. -0.000 min
Lab File: VU061164.D
Acq: 18 Oct 2024 14:38

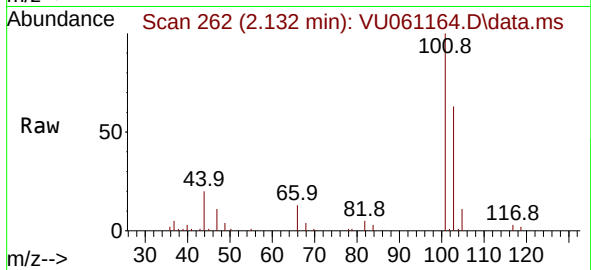
Tgt Ion: 64 Resp: 8007
Ion Ratio Lower Upper
64 100
66 31.7 25.8 38.8





#7
Trichlorofluoromethane
Concen: 0.811 ug/l
RT: 2.132 min Scan# 201
Delta R.T. -0.000 min
Lab File: VU061164.D
Acq: 18 Oct 2024 14:38

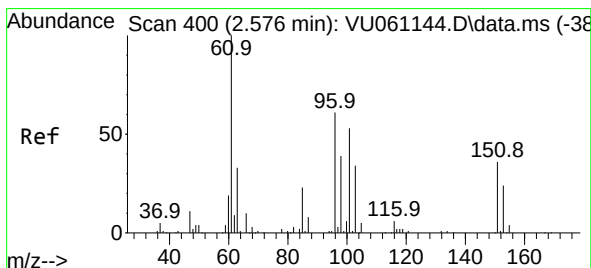
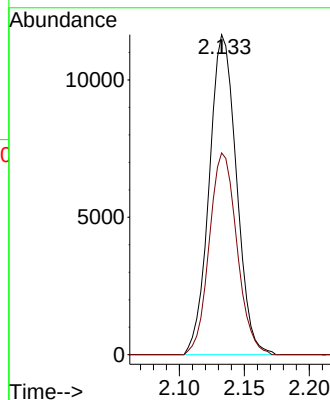
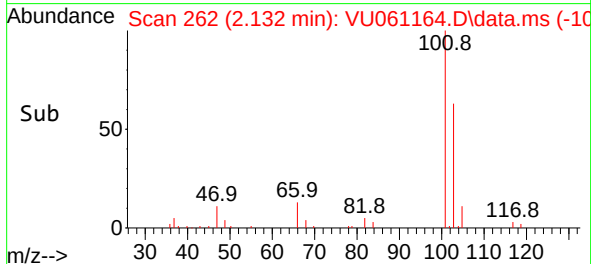
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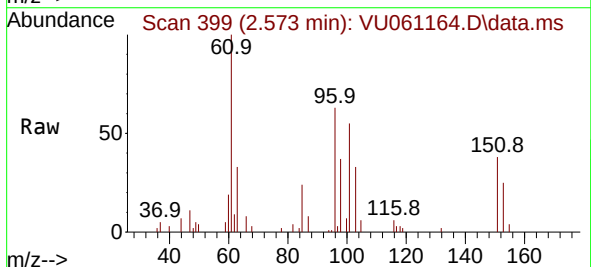
Tgt Ion:101 Resp: 1698
Ion Ratio Lower Upper
101 100
103 63.1 51.5 77.3

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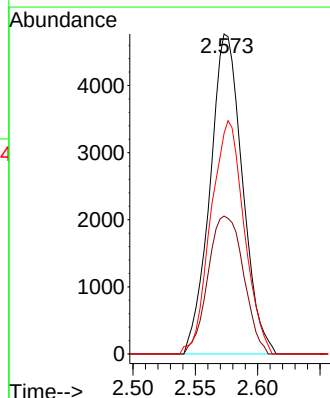
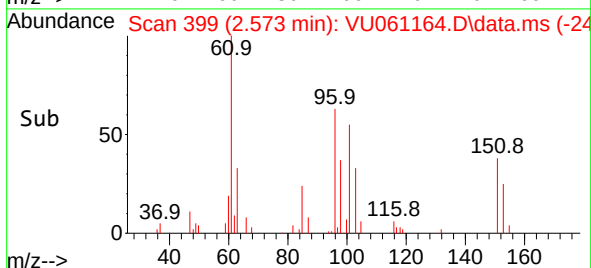
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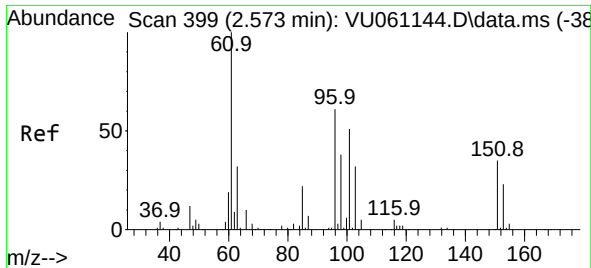


#8
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.829 ug/l
RT: 2.573 min Scan# 399
Delta R.T. -0.003 min
Lab File: VU061164.D
Acq: 18 Oct 2024 14:38



Tgt Ion:101 Resp: 8629
Ion Ratio Lower Upper
101 100
85 47.1 35.8 53.8
151 75.0 56.2 84.4





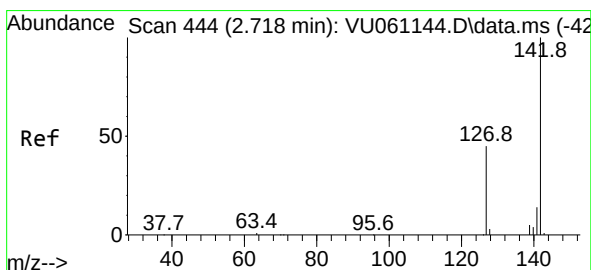
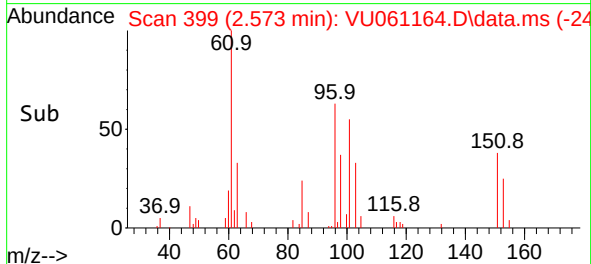
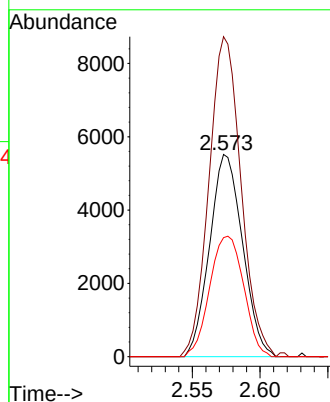
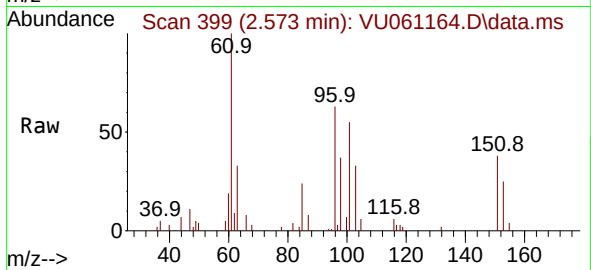
#9
1,1-Dichloroethene
Concen: 0.859 ug/l
RT: 2.573 min Scan# 399
Delta R.T. -0.000 min
Lab File: VU061164.D
Acq: 18 Oct 2024 14:38

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

Tgt Ion: 96 Resp: 932
Ion Ratio Lower Upper
96 100
61 158.3 0.0 494.4
98 58.9 0.0 124.4

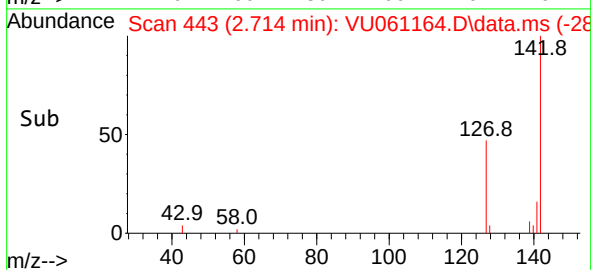
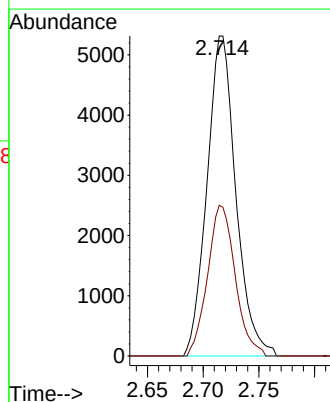
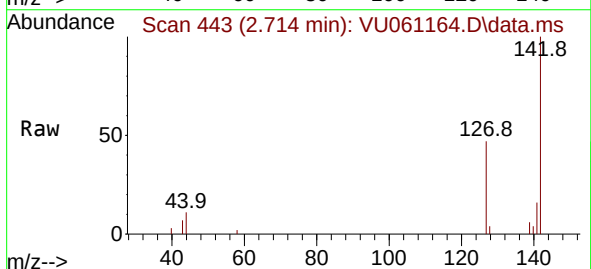
Manual Integrations
APPROVED

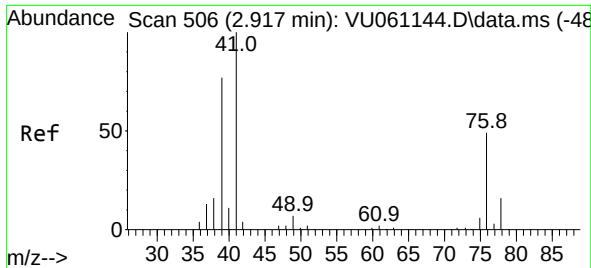
Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024



#10
Iodomethane
Concen: 0.742 ug/l
RT: 2.714 min Scan# 443
Delta R.T. -0.003 min
Lab File: VU061164.D
Acq: 18 Oct 2024 14:38

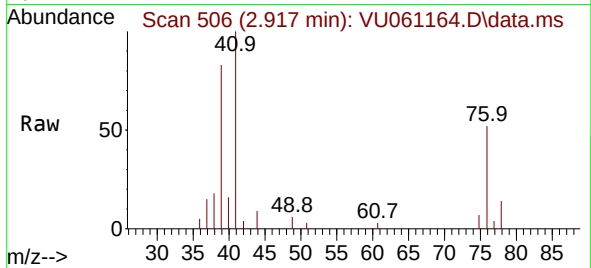
Tgt Ion:142 Resp: 9585
Ion Ratio Lower Upper
142 100
127 45.0 36.2 54.4





#11
 Allyl Chloride
 Concen: 0.814 ug/l
 RT: 2.917 min Scan# 506
 Delta R.T. -0.000 min
 Lab File: VU061164.D
 Acq: 18 Oct 2024 14:38

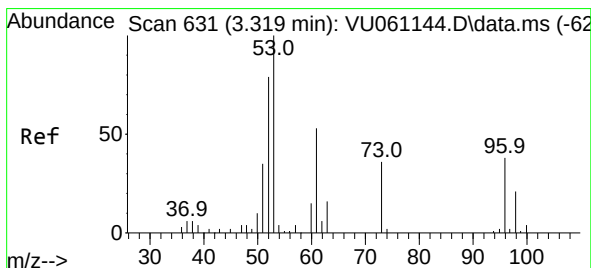
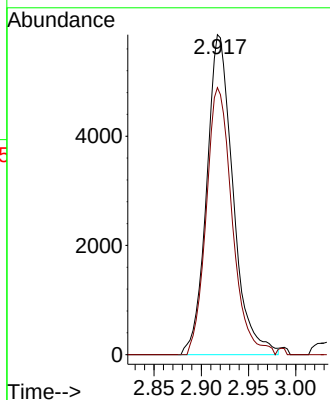
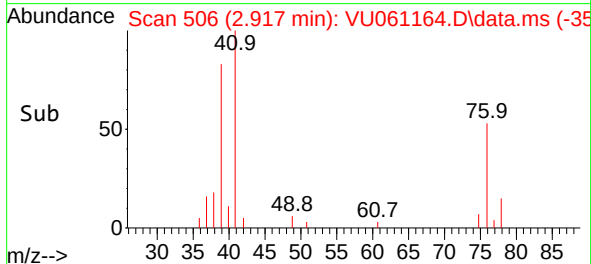
Instrument :
 MSVOA_U
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2024



Tgt Ion: 41 Resp: 11378
 Ion Ratio Lower Upper
 41 100
 39 81.9 62.4 93.6

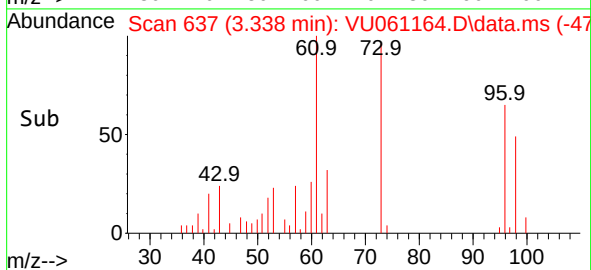
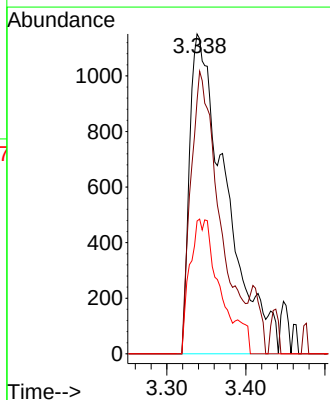
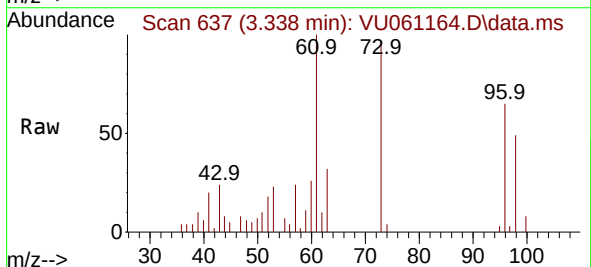
Manual Integrations
 APPROVED

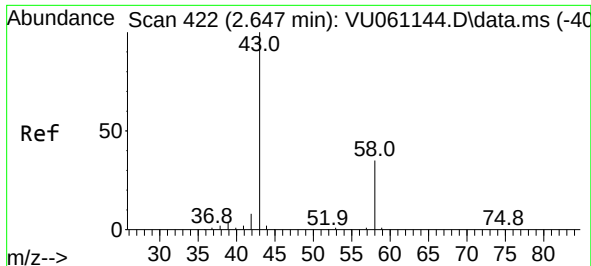
Reviewed By :Mahesh Dadoda 10/25/2024
 Supervised By :Semsettin Yesilyurt 10/25/2024



#12
 Acrylonitrile
 Concen: 1.685 ug/l m
 RT: 3.338 min Scan# 637
 Delta R.T. 0.019 min
 Lab File: VU061164.D
 Acq: 18 Oct 2024 14:38

Tgt Ion: 53 Resp: 3679
 Ion Ratio Lower Upper
 53 100
 52 69.2 62.6 94.0
 51 32.5 30.7 46.1





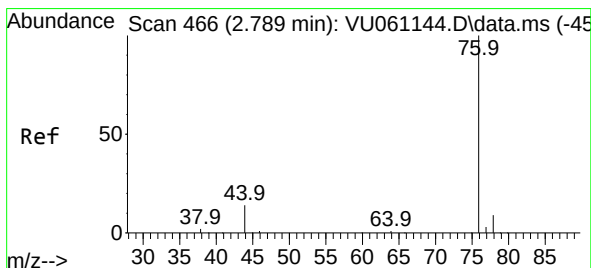
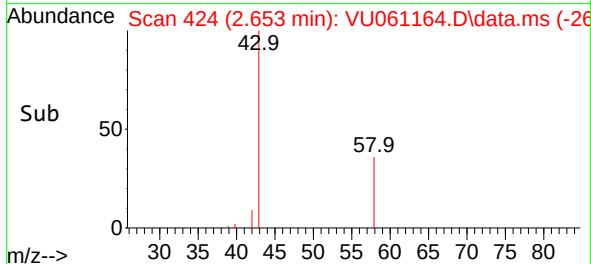
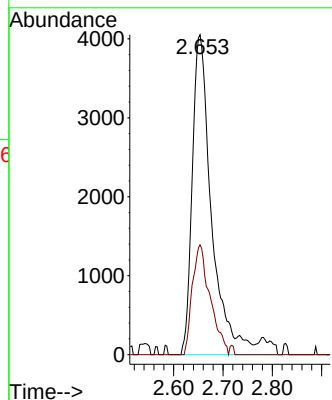
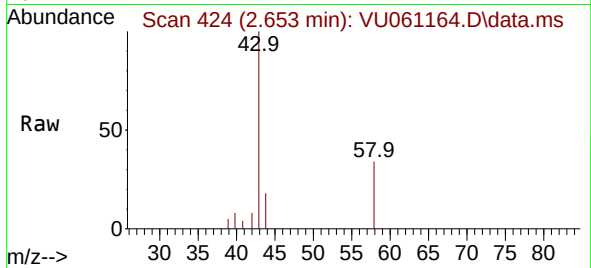
#13
Acetone
Concen: 3.984 ug/l m
RT: 2.653 min Scan# 41
Delta R.T. 0.006 min
Lab File: VU061164.D
Acq: 18 Oct 2024 14:38

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

Tgt Ion: 43 Resp: 1134
Ion Ratio Lower Upper
43 100
58 34.3 27.9 41.9

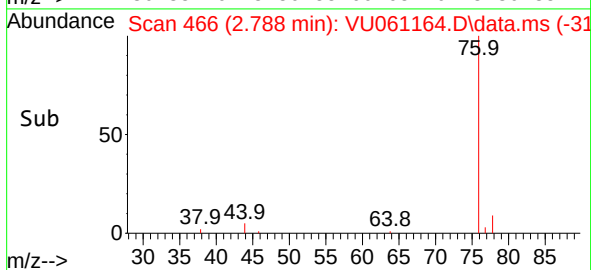
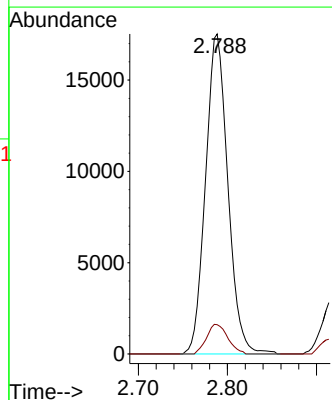
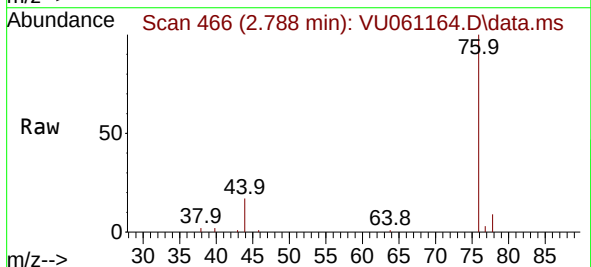
Manual Integrations
APPROVED

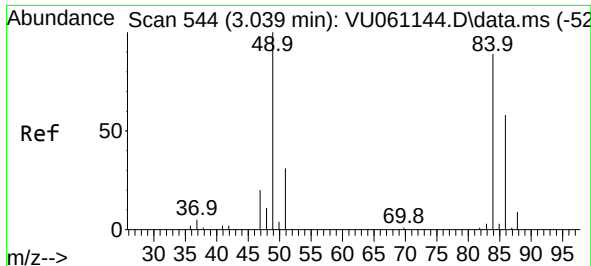
Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024



#14
Carbon Disulfide
Concen: 0.815 ug/l
RT: 2.788 min Scan# 466
Delta R.T. -0.000 min
Lab File: VU061164.D
Acq: 18 Oct 2024 14:38

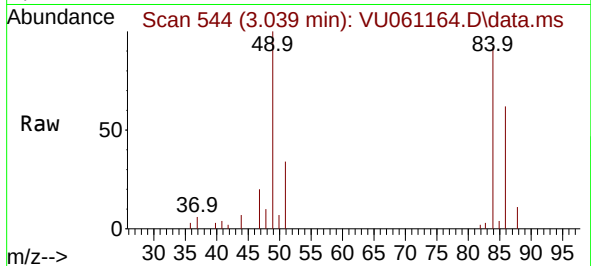
Tgt Ion: 76 Resp: 30485
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.0





#15
Methylene Chloride
Concen: 0.828 ug/l
RT: 3.039 min Scan# 54
Delta R.T. -0.000 min
Lab File: VU061164.D
Acq: 18 Oct 2024 14:38

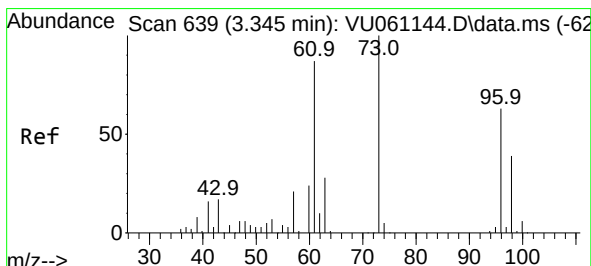
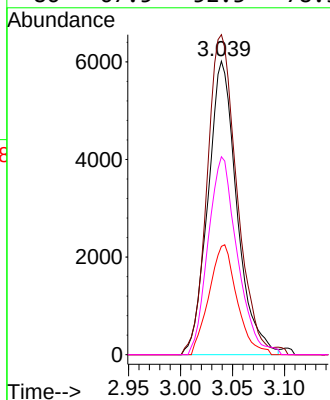
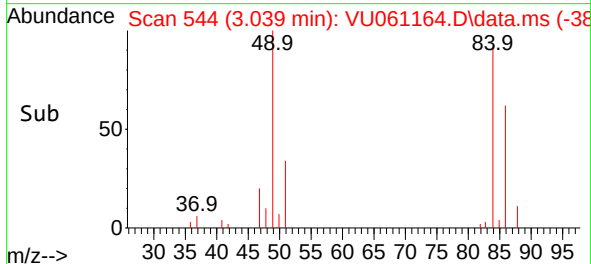
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



Tgt Ion: 84 Resp: 1163
Ion Ratio Lower Upper
84 100
49 109.1 90.4 135.6
51 36.9 0.0 70.6
86 67.5 52.3 78.5

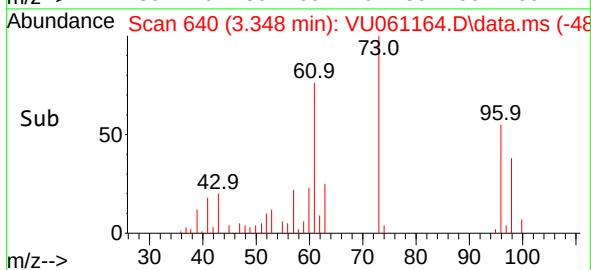
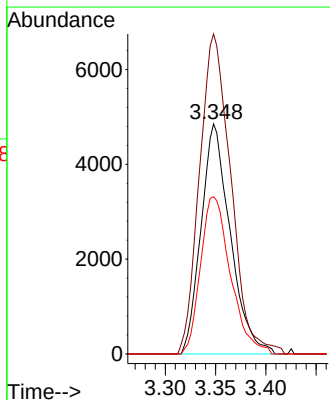
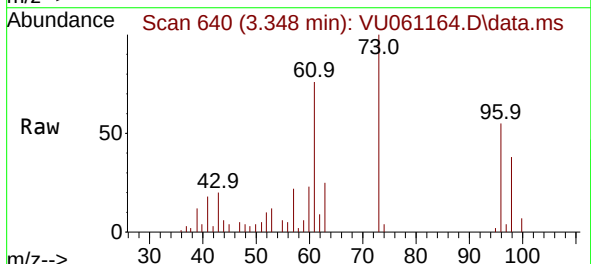
Manual Integrations
APPROVED

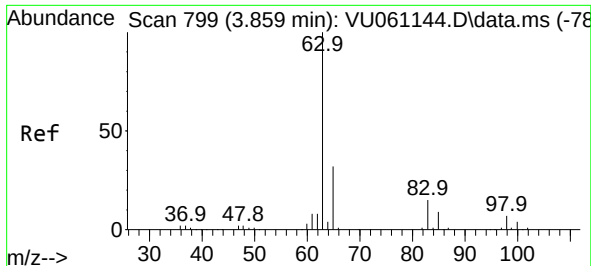
Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024



#16
trans-1,2-Dichloroethene
Concen: 0.769 ug/l
RT: 3.348 min Scan# 640
Delta R.T. 0.003 min
Lab File: VU061164.D
Acq: 18 Oct 2024 14:38

Tgt Ion: 96 Resp: 9788
Ion Ratio Lower Upper
96 100
61 139.1 110.6 166.0
98 68.4 49.8 74.8





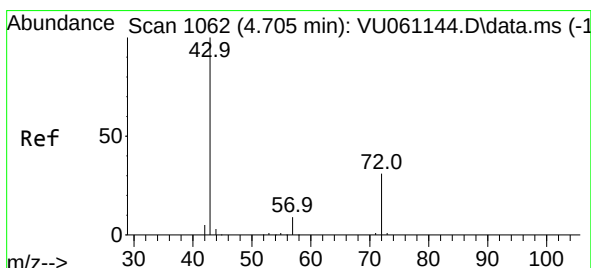
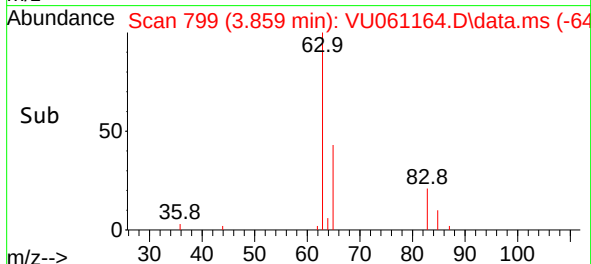
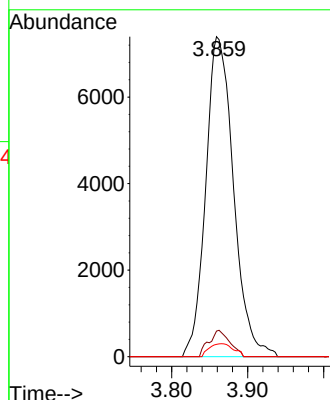
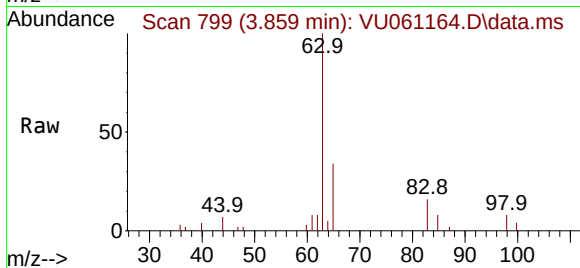
#17
1,1-Dichloroethane
Concen: 0.832 ug/l
RT: 3.859 min Scan# 799
Delta R.T. -0.000 min
Lab File: VU061164.D
Acq: 18 Oct 2024 14:38

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

Tgt Ion: 63 Resp: 18774
Ion Ratio Lower Upper
63 100
98 8.0 3.3 9.8
100 3.9 2.1 6.5

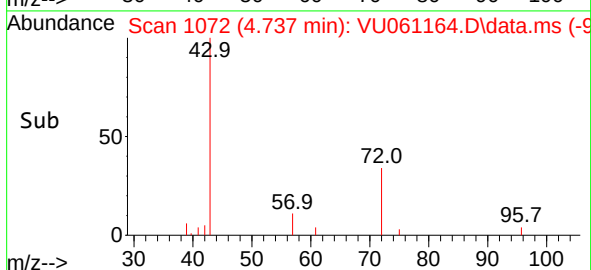
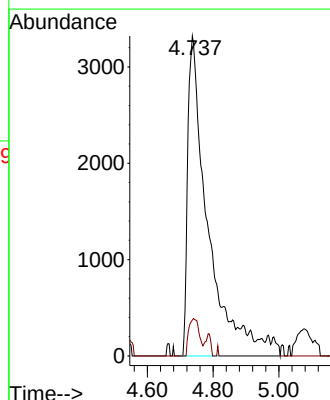
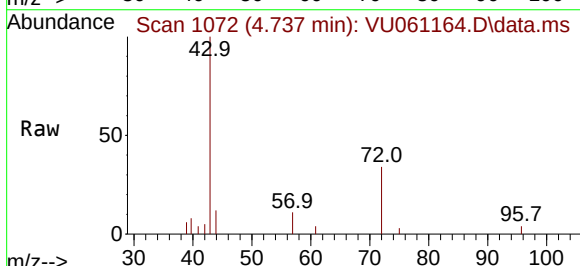
Manual Integrations
APPROVED

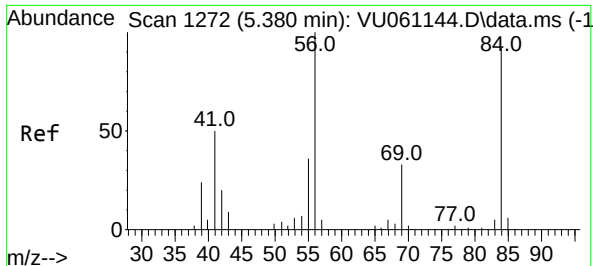
Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024



#18
2-Butanone
Concen: 4.092 ug/l m
RT: 4.737 min Scan# 1072
Delta R.T. 0.032 min
Lab File: VU061164.D
Acq: 18 Oct 2024 14:38

Tgt Ion: 43 Resp: 14268
Ion Ratio Lower Upper
43 100
57 11.2 0.0 19.0





#19

Cyclohexane

Concen: 0.807 ug/l m

RT: 5.380 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU061164.D

Acq: 18 Oct 2024 14:38

Instrument :

MSVOA_U

ClientSampleId :

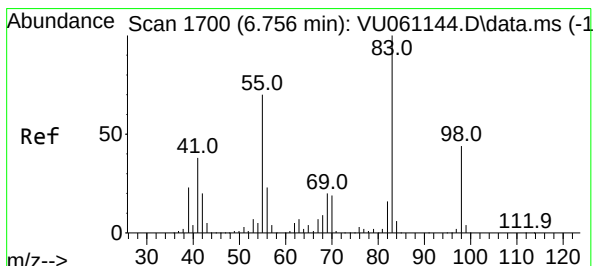
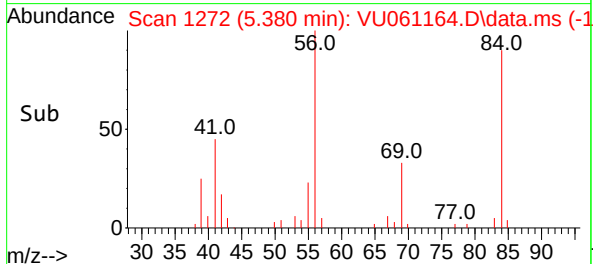
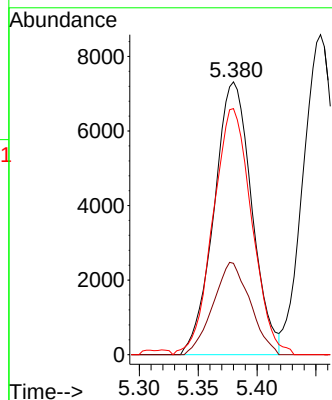
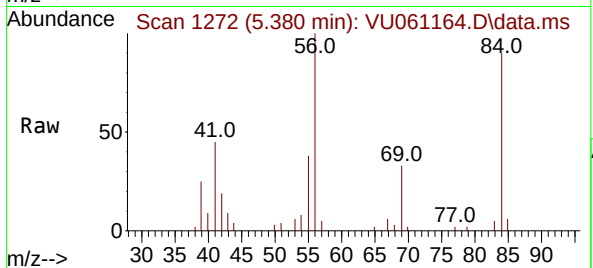
LOD-MDL-WATER-01-QT4-2024

Tgt Ion:	56	Resp:	1632
Ion Ratio	Lower	Upper	
56	100		
69	33.1	26.2	39.4
84	92.4	72.7	109.1

Manual Integrations

APPROVED

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



#20

Methylcyclohexane

Concen: 0.789 ug/l

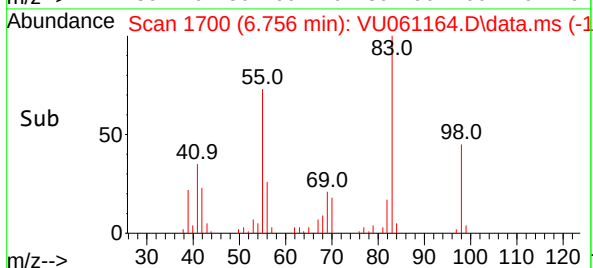
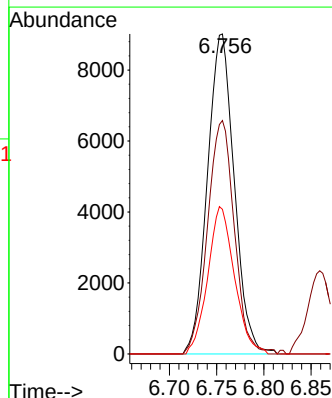
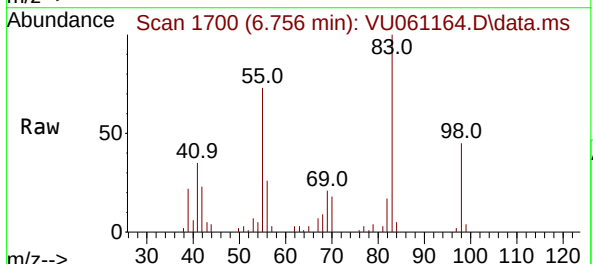
RT: 6.756 min Scan# 1700

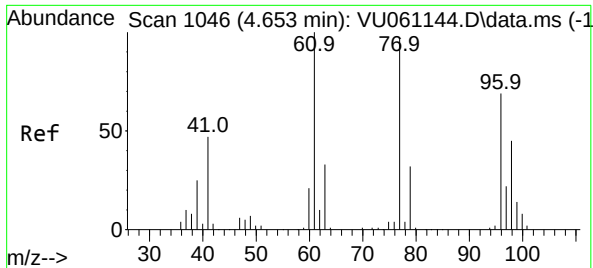
Delta R.T. -0.000 min

Lab File: VU061164.D

Acq: 18 Oct 2024 14:38

Tgt Ion:	83	Resp:	17788
Ion Ratio	Lower	Upper	
83	100		
55	70.9	55.5	83.3
98	45.8	35.8	53.6





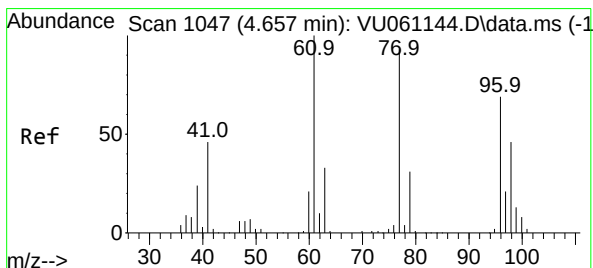
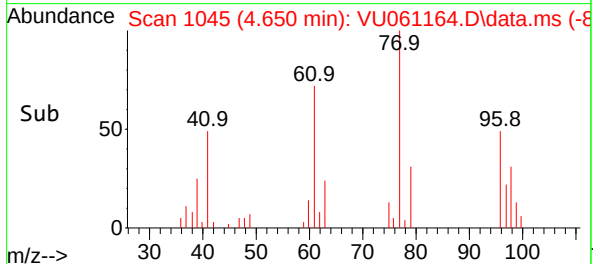
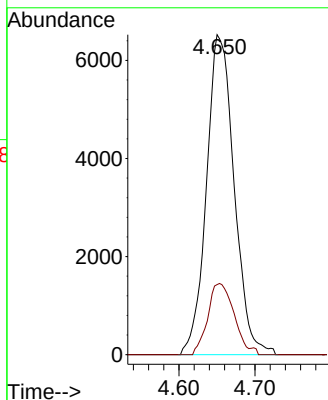
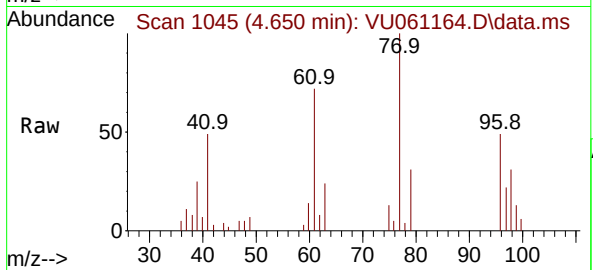
#21
2,2-Dichloropropane
Concen: 0.793 ug/l
RT: 4.650 min Scan# 1045
Delta R.T. -0.003 min
Lab File: VU061164.D
Acq: 18 Oct 2024 14:38

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

Tgt Ion: 77 Resp: 1650
Ion Ratio Lower Upper
77 100
97 21.2 18.3 27.5

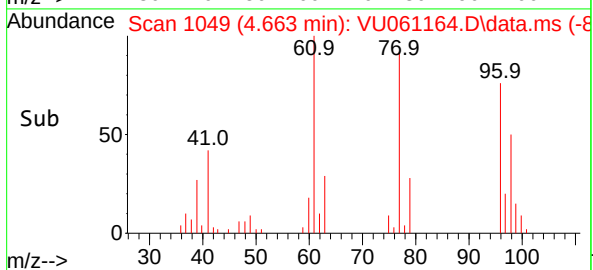
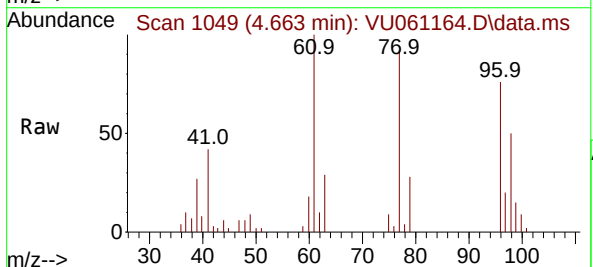
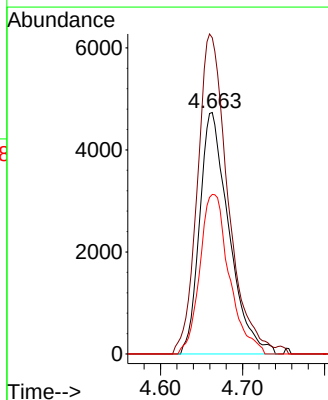
Manual Integrations
APPROVED

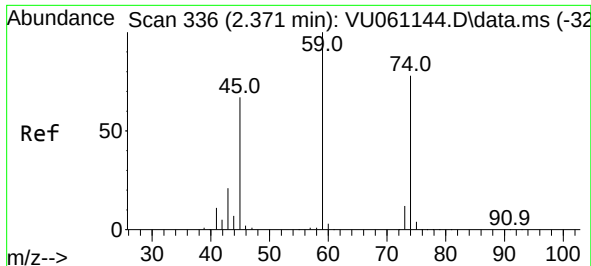
Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024



#22
cis-1,2-Dichloroethene
Concen: 0.846 ug/l
RT: 4.663 min Scan# 1049
Delta R.T. 0.006 min
Lab File: VU061164.D
Acq: 18 Oct 2024 14:38

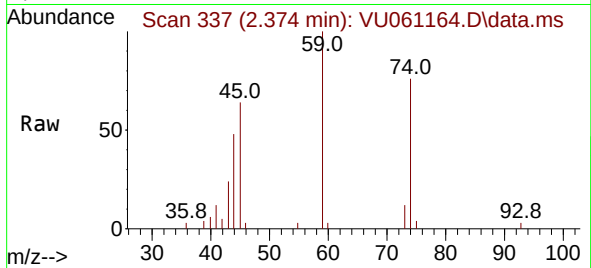
Tgt Ion: 96 Resp: 11729
Ion Ratio Lower Upper
96 100
61 138.0 0.0 364.8
98 66.3 32.1 96.3





#23
Diethyl Ether
Concen: 0.848 ug/l
RT: 2.374 min Scan# 311
Delta R.T. 0.003 min
Lab File: VU061164.D
Acq: 18 Oct 2024 14:38

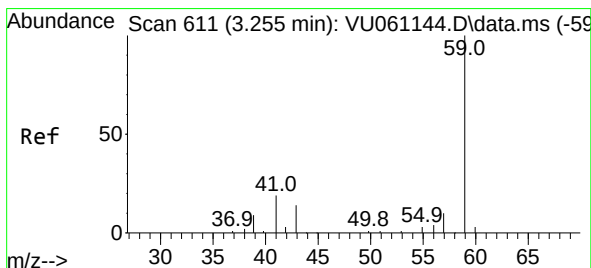
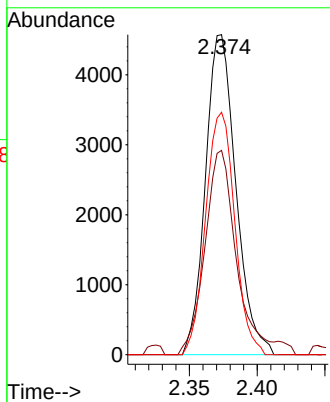
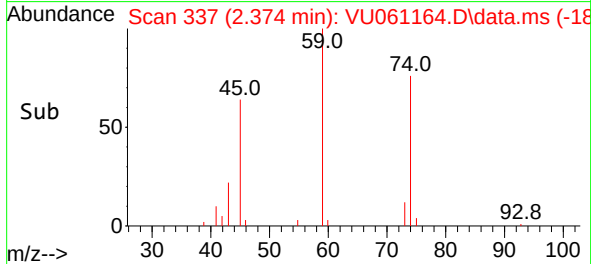
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



Tgt Ion: 59 Resp: 715
Ion Ratio Lower Upper
59 100
45 67.3 52.0 78.0
74 72.5 62.2 93.2

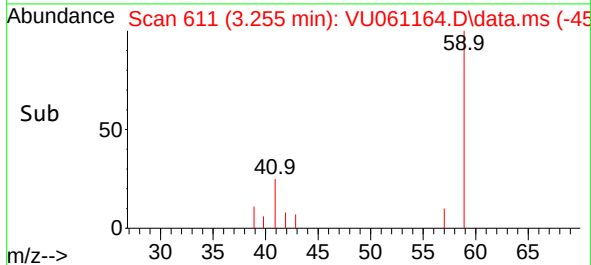
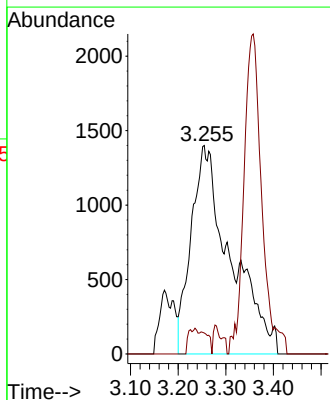
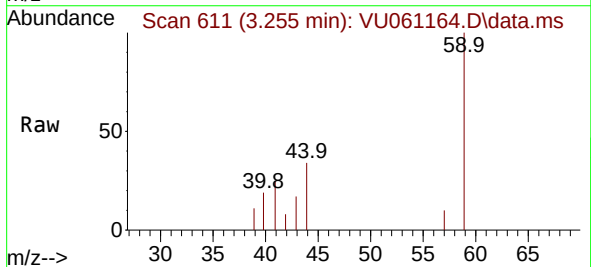
Manual Integrations
APPROVED

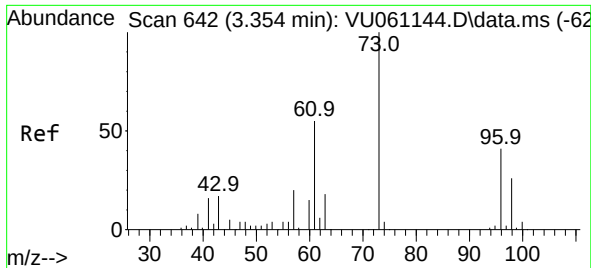
Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024



#24
tert-Butyl Alcohol
Concen: 9.132 ug/l m
RT: 3.255 min Scan# 611
Delta R.T. -0.000 min
Lab File: VU061164.D
Acq: 18 Oct 2024 14:38

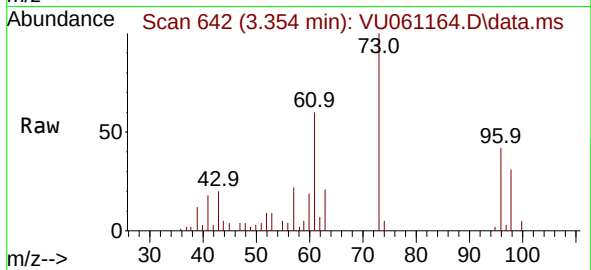
Tgt Ion: 59 Resp: 8037
Ion Ratio Lower Upper
59 100
57 2.1 3.2 4.8#





#25
Methyl tert-Butyl Ether
Concen: 0.827 ug/l
RT: 3.354 min Scan# 642
Delta R.T. -0.000 min
Lab File: VU061164.D
Acq: 18 Oct 2024 14:38

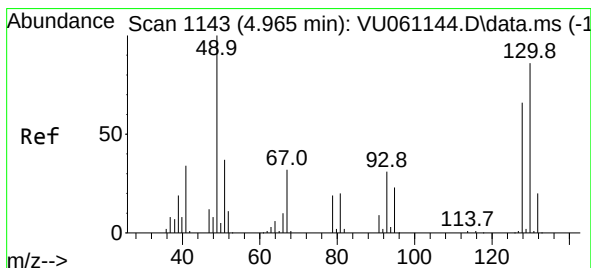
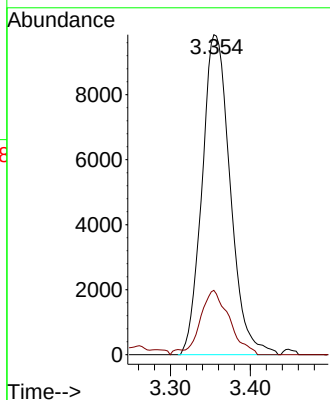
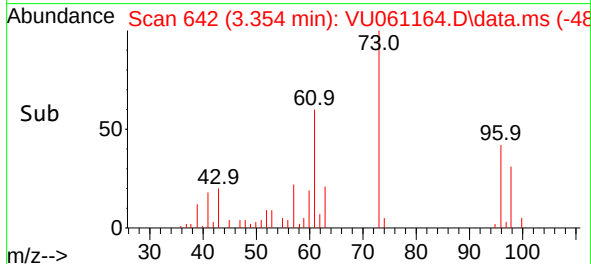
Instrument : MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



Tgt Ion: 73 Resp: 2405
Ion Ratio Lower Upper
73 100
43 20.4 14.7 22.1

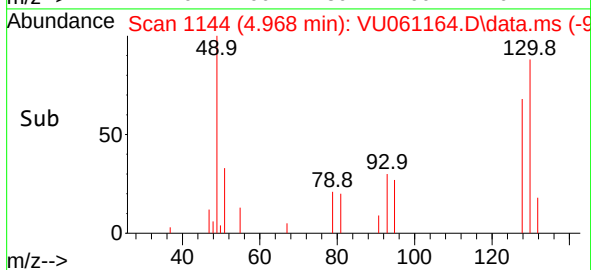
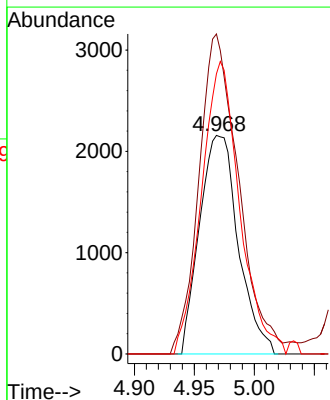
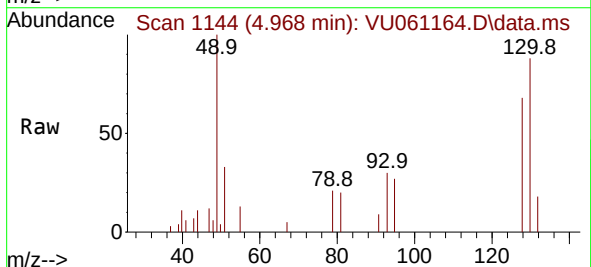
Manual Integrations
APPROVED

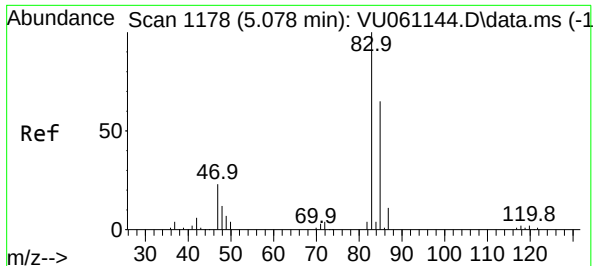
Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024



#26
Bromochloromethane
Concen: 0.834 ug/l
RT: 4.968 min Scan# 1144
Delta R.T. 0.003 min
Lab File: VU061164.D
Acq: 18 Oct 2024 14:38

Tgt Ion:128 Resp: 4835
Ion Ratio Lower Upper
128 100
49 150.3 0.0 308.8
130 132.0 105.3 157.9





#27

Chloroform

Concen: 0.829 ug/l

RT: 5.081 min Scan# 1178

Delta R.T. 0.003 min

Lab File: VU061164.D

Acq: 18 Oct 2024 14:38

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT4-2024

Tgt Ion: 83 Resp: 1961

Ion Ratio Lower Upper

83 100

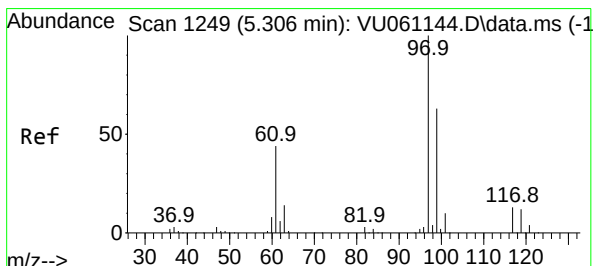
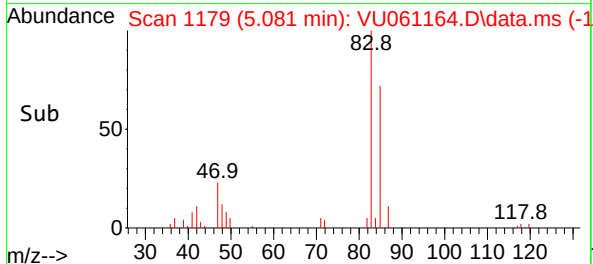
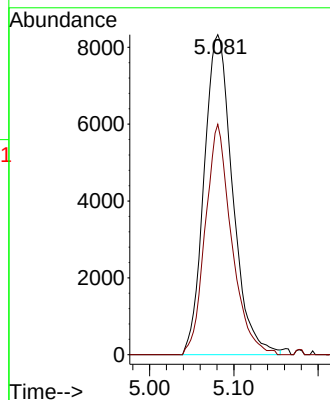
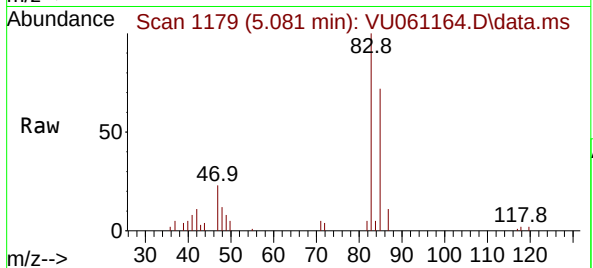
85 72.0 0.0 129.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/25/2024

Supervised By :Semsettin Yesilyurt 10/25/2024



#28

1,1,1-Trichloroethane

Concen: 0.817 ug/l

RT: 5.309 min Scan# 1250

Delta R.T. 0.003 min

Lab File: VU061164.D

Acq: 18 Oct 2024 14:38

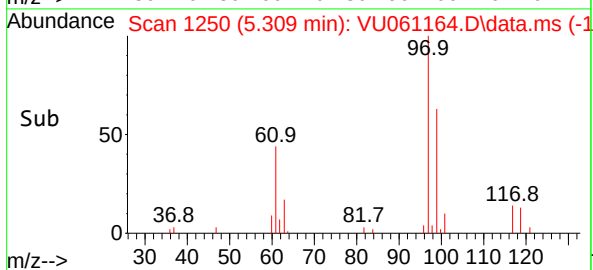
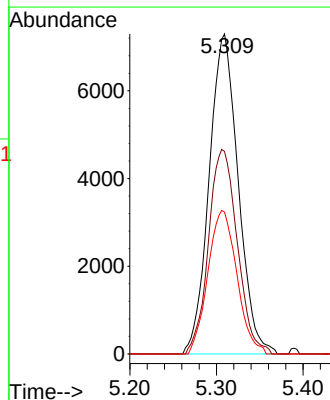
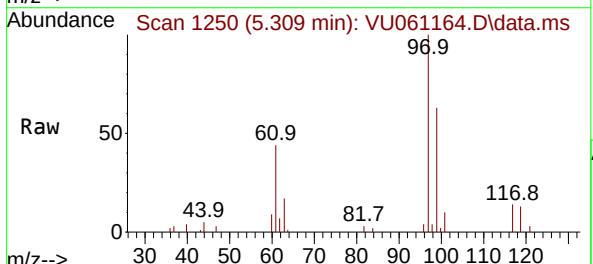
Tgt Ion: 97 Resp: 17042

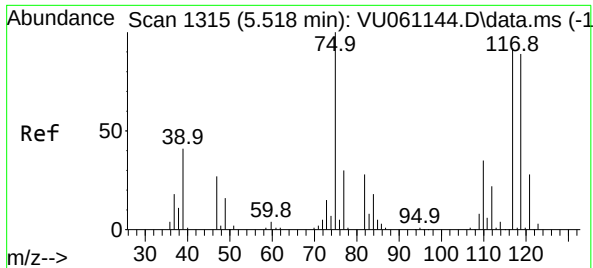
Ion Ratio Lower Upper

97 100

99 63.3 31.9 95.5

61 44.7 22.1 66.1





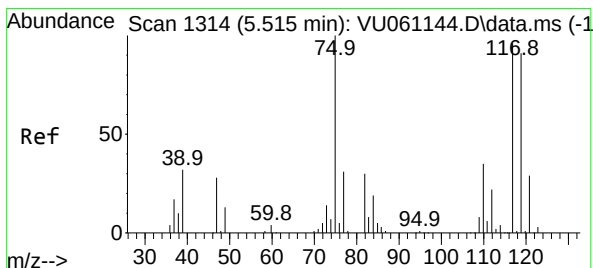
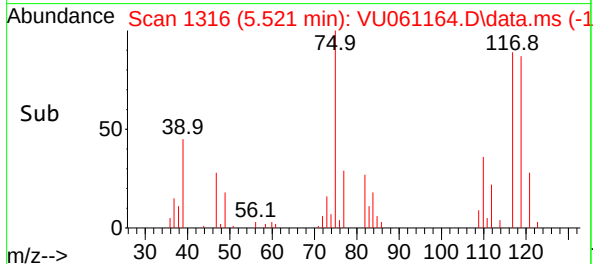
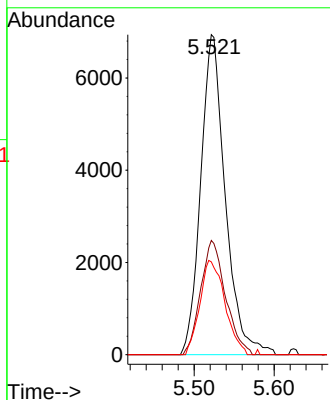
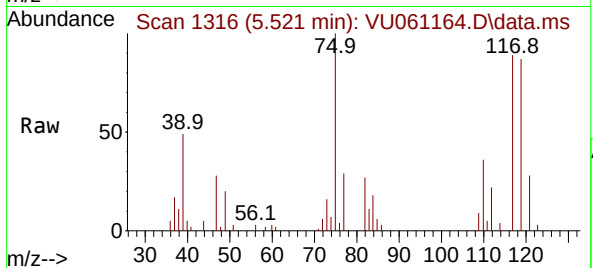
#29
1,1-Dichloropropene
Concen: 0.804 ug/l
RT: 5.521 min Scan# 1316
Delta R.T. 0.003 min
Lab File: VU061164.D
Acq: 18 Oct 2024 14:38

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

Tgt Ion:	75	Resp:	14820
Ion	Ratio	Lower	Upper
75	100		
110	36.2	17.8	53.3
77	30.0	24.6	37.0

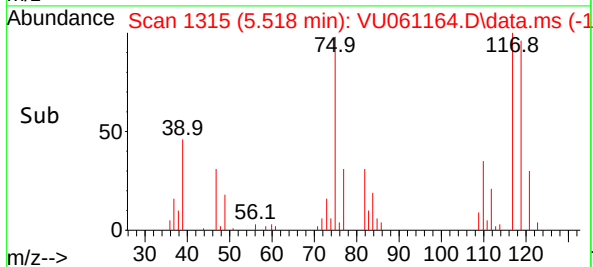
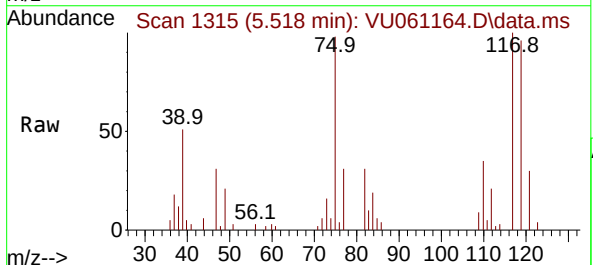
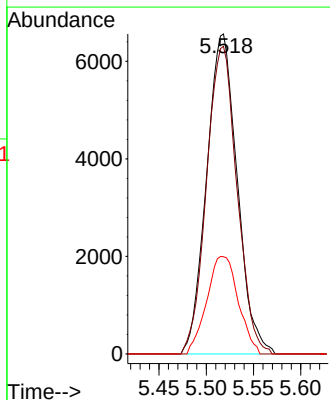
Manual Integrations
APPROVED

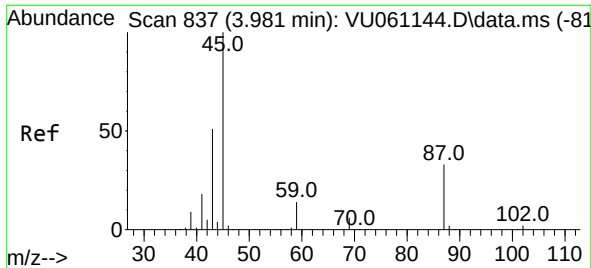
Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024



#30
Carbon Tetrachloride
Concen: 0.816 ug/l
RT: 5.518 min Scan# 1315
Delta R.T. 0.003 min
Lab File: VU061164.D
Acq: 18 Oct 2024 14:38

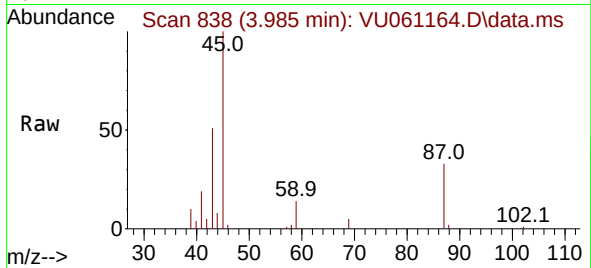
Tgt Ion:	117	Resp:	14774
Ion	Ratio	Lower	Upper
117	100		
119	96.2	76.4	114.6
121	30.4	24.1	36.1





#31
Isopropyl Ether
Concen: 0.831 ug/l
RT: 3.985 min Scan# 837
Delta R.T. 0.003 min
Lab File: VU061164.D
Acq: 18 Oct 2024 14:38

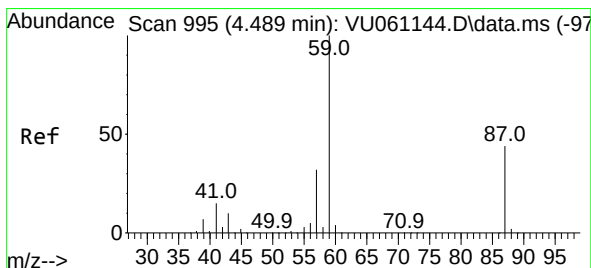
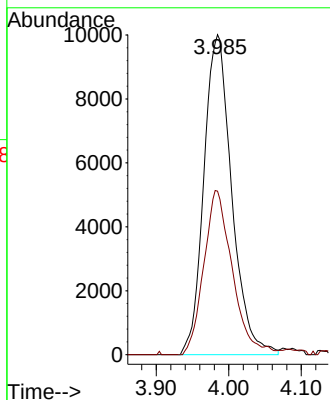
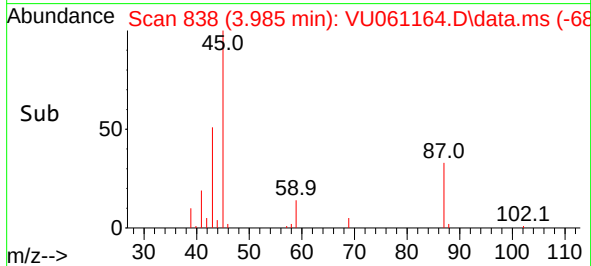
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



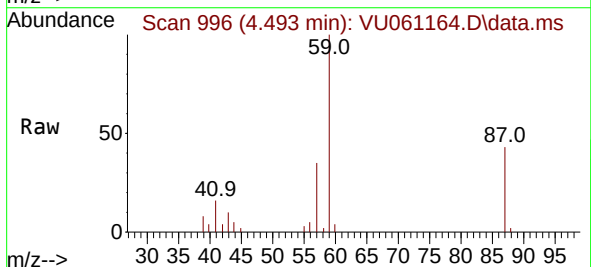
Tgt Ion: 45 Resp: 2676
Ion Ratio Lower Upper
45 100
43 52.4 25.7 77.0

Manual Integrations
APPROVED

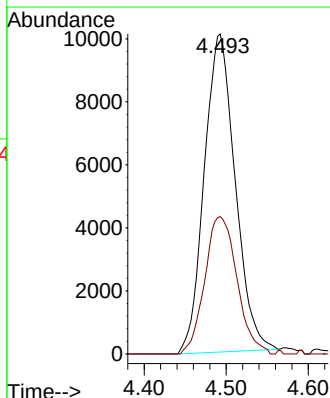
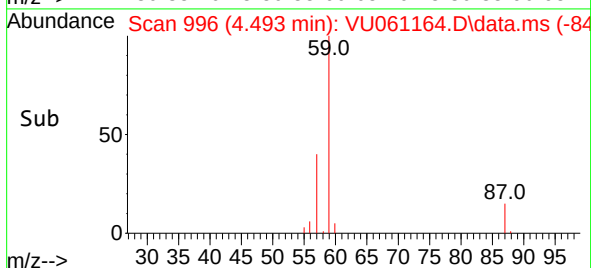
Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024

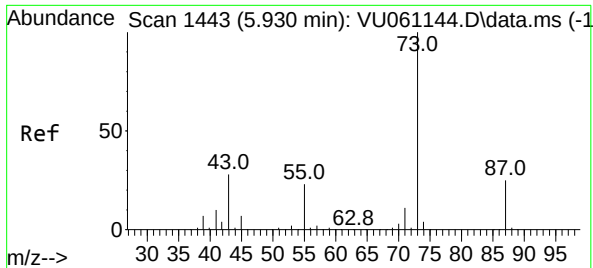


#32
Ethyl-t-butyl ether
Concen: 0.799 ug/l
RT: 4.493 min Scan# 996
Delta R.T. 0.003 min
Lab File: VU061164.D
Acq: 18 Oct 2024 14:38



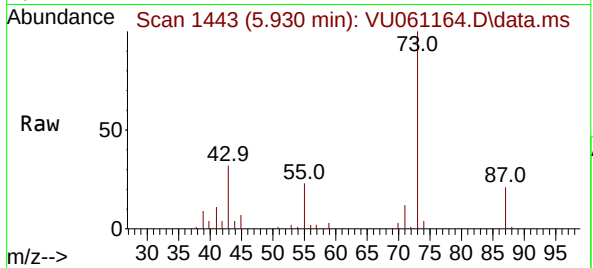
Tgt Ion: 59 Resp: 26455
Ion Ratio Lower Upper
59 100
87 45.0 34.7 52.1





#33
Tert-Amyl methyl ether
Concen: 0.809 ug/l
RT: 5.930 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VU061164.D
Acq: 18 Oct 2024 14:38

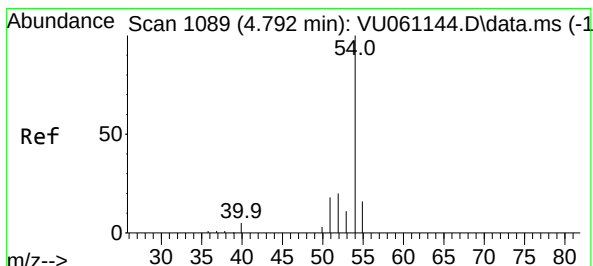
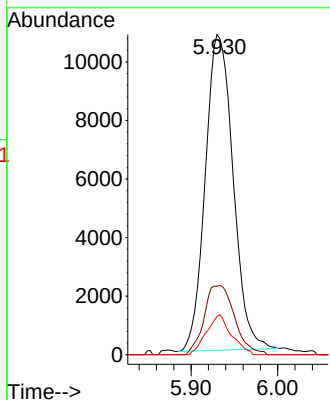
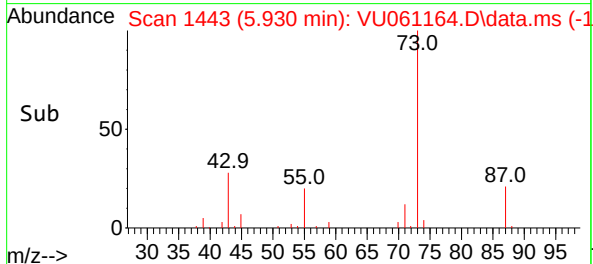
Instrument : MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



Tgt Ion: 73 Resp: 2410
Ion Ratio Lower Upper
73 100
87 23.9 19.8 29.8
71 11.2 8.6 12.8

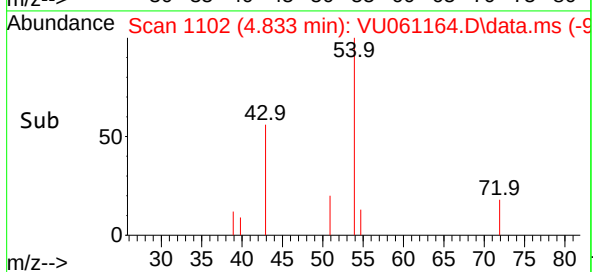
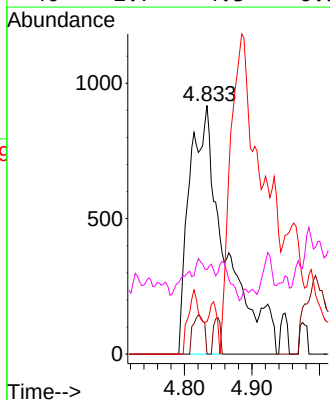
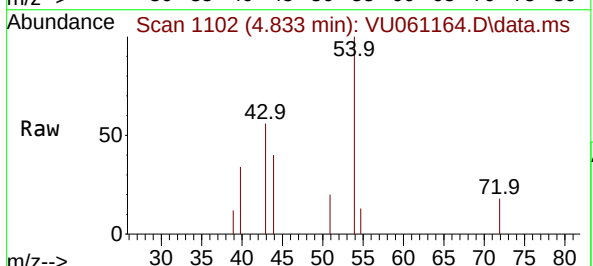
Manual Integrations
APPROVED

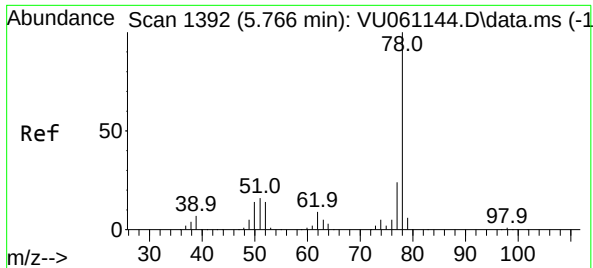
Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024



#34
Propionitrile
Concen: 4.104 ug/l m
RT: 4.833 min Scan# 1102
Delta R.T. 0.042 min
Lab File: VU061164.D
Acq: 18 Oct 2024 14:38

Tgt Ion: 54 Resp: 3414
Ion Ratio Lower Upper
54 100
52 4.9 15.3 22.9#
55 8.8 9.7 14.5#
40 2.7 4.3 6.5#





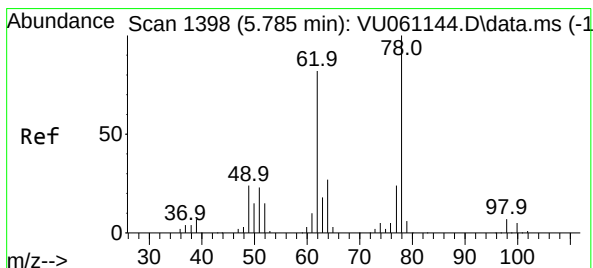
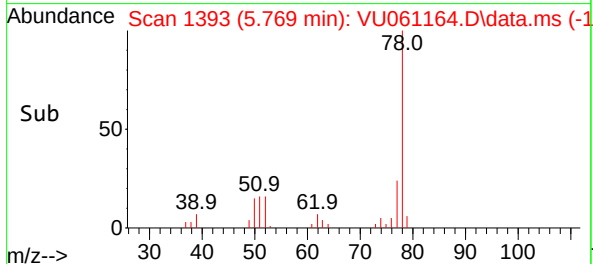
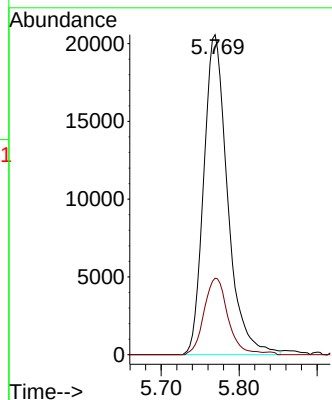
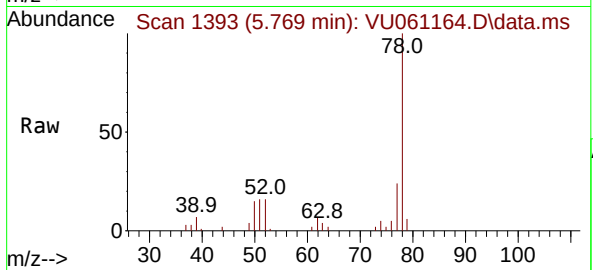
#35
Benzene
Concen: 0.842 ug/l
RT: 5.769 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU061164.D
Acq: 18 Oct 2024 14:38

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

Tgt Ion: 78 Resp: 4375
Ion Ratio Lower Upper
78 100
77 23.9 19.4 29.0

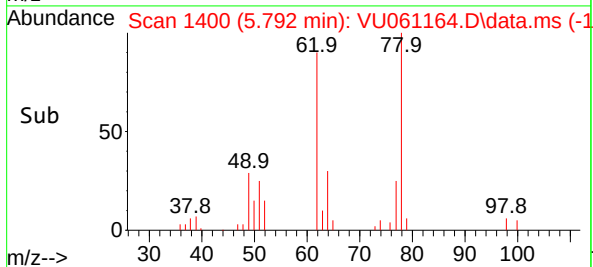
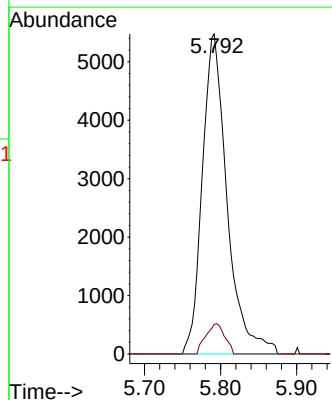
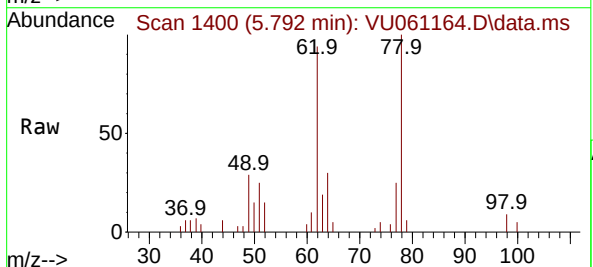
Manual Integrations
APPROVED

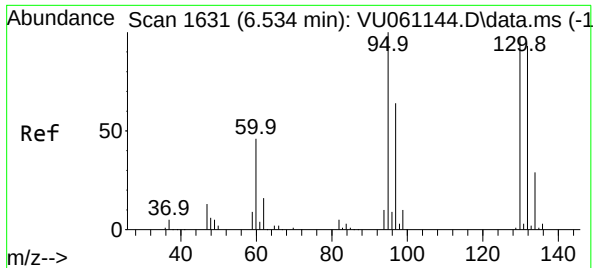
Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024



#36
1,2-Dichloroethane
Concen: 0.847 ug/l
RT: 5.792 min Scan# 1400
Delta R.T. 0.006 min
Lab File: VU061164.D
Acq: 18 Oct 2024 14:38

Tgt Ion: 62 Resp: 12415
Ion Ratio Lower Upper
62 100
98 7.2 7.0 10.4





#37

Trichloroethene

Concen: 0.851 ug/l

RT: 6.537 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU061164.D

Acq: 18 Oct 2024 14:38

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT4-2024

Tgt Ion:130 Resp: 11790

Ion Ratio Lower Upper

130 100

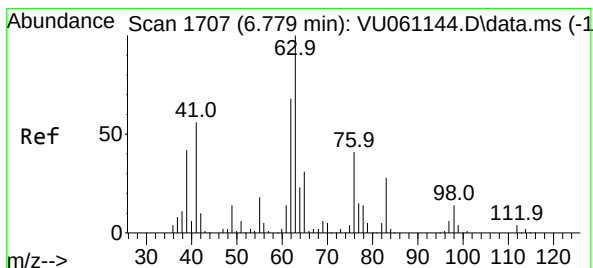
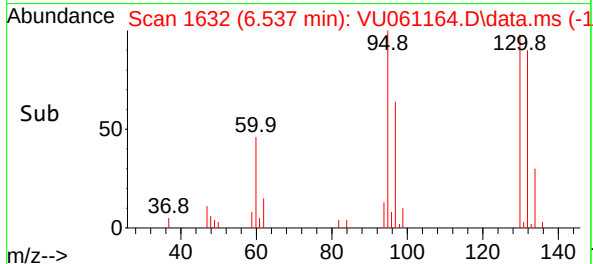
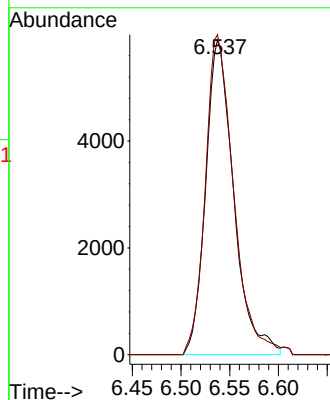
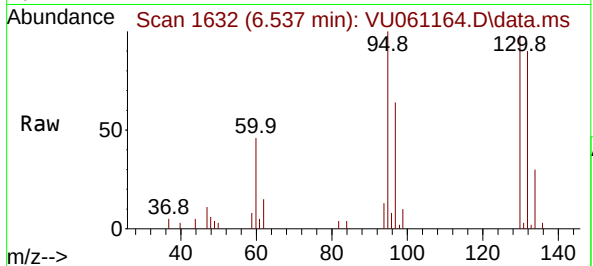
95 101.7 82.6 123.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/25/2024

Supervised By :Semsettin Yesilyurt 10/25/2024



#38

1,2-Dichloropropane

Concen: 0.842 ug/l

RT: 6.785 min Scan# 1709

Delta R.T. 0.006 min

Lab File: VU061164.D

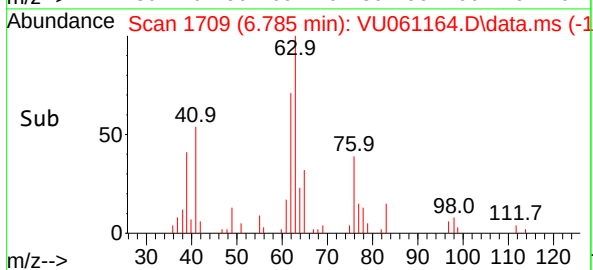
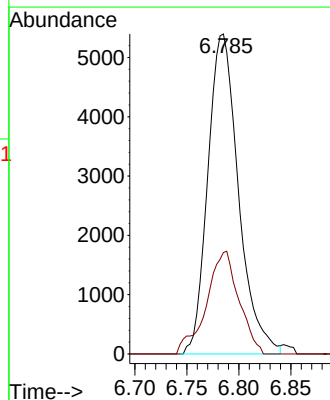
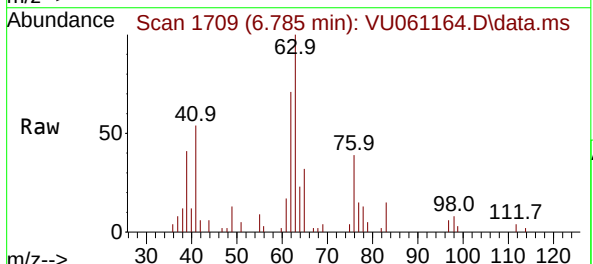
Acq: 18 Oct 2024 14:38

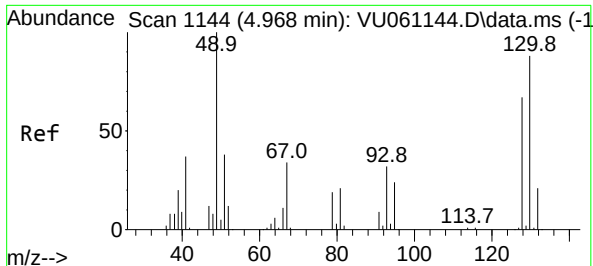
Tgt Ion: 63 Resp: 11081

Ion Ratio Lower Upper

63 100

65 31.7 25.0 37.6





#39

Methacrylonitrile

Concen: 0.752 ug/l

RT: 4.997 min Scan# 1153

Delta R.T. 0.029 min

Lab File: VU061164.D

Acq: 18 Oct 2024 14:38

Instrument :

MSVOA_U

ClientSampleId :

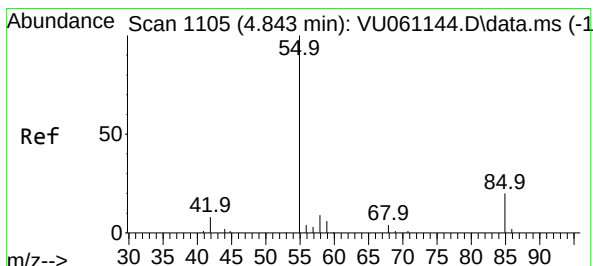
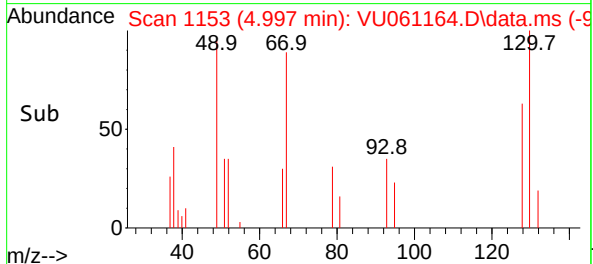
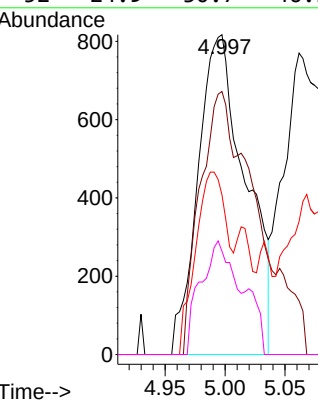
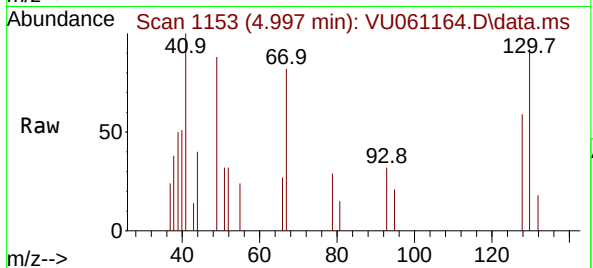
LOD-MDL-WATER-01-QT4-2024

Tgt Ion: 41	Resp: 225
Ion Ratio	Lower Upper
41	100
67	99.3 78.1 117.1
39	38.7 44.6 67.0
52	24.9 30.7 46.1

Manual Integrations

APPROVED

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



#40

Methyl acrylate

Concen: 0.850 ug/l m

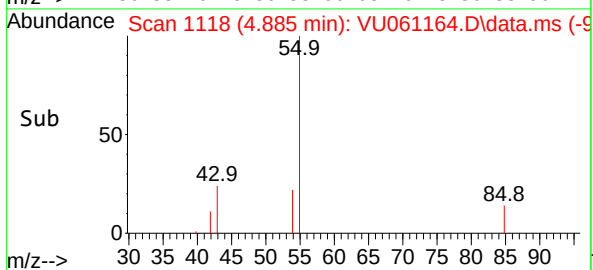
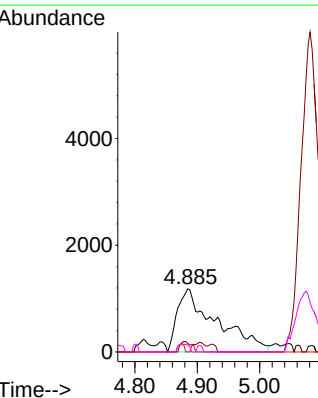
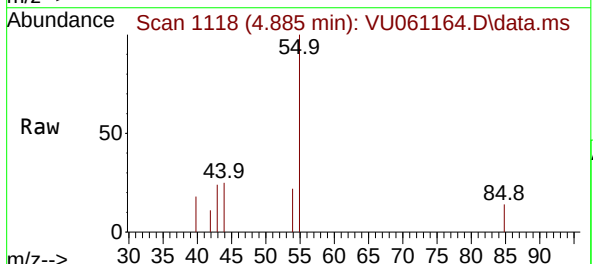
RT: 4.885 min Scan# 1118

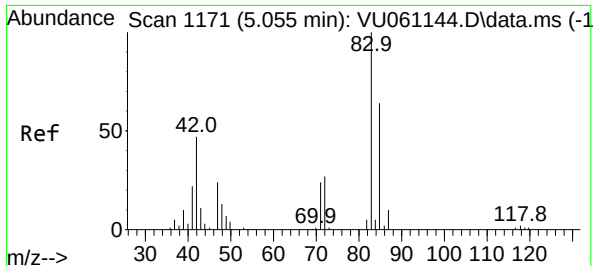
Delta R.T. 0.042 min

Lab File: VU061164.D

Acq: 18 Oct 2024 14:38

Tgt Ion: 55	Resp: 5166
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: 1.676 ug/l

RT: 5.074 min Scan# 1171

Delta R.T. 0.019 min

Lab File: VU061164.D

Acq: 18 Oct 2024 14:38

Instrument :

MSVOA_U

ClientSampleId :

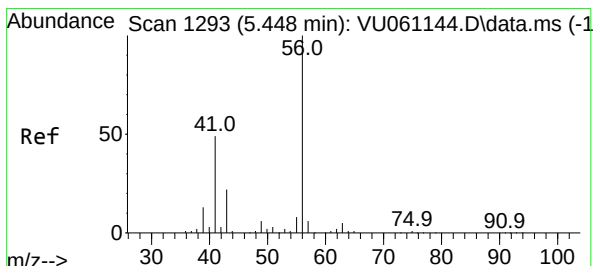
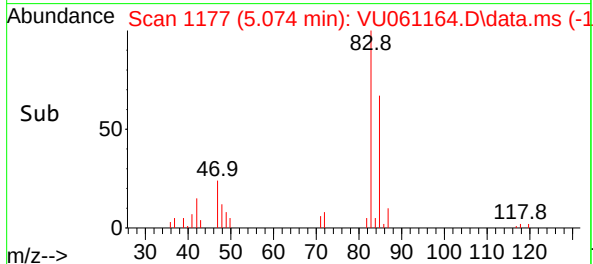
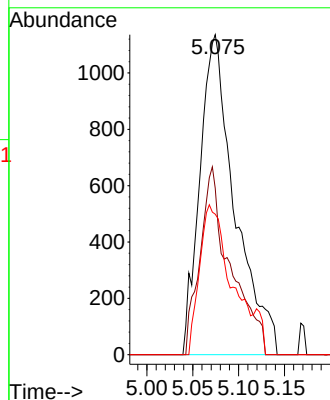
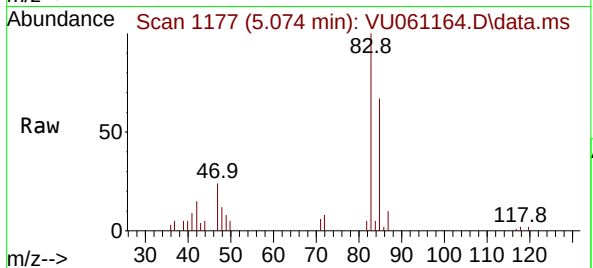
LOD-MDL-WATER-01-QT4-2024

Tgt Ion:	42	Resp:	301
Ion Ratio	Lower	Upper	
42	100		
72	50.9	47.8	71.8
71	42.3	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: 0.752 ug/l

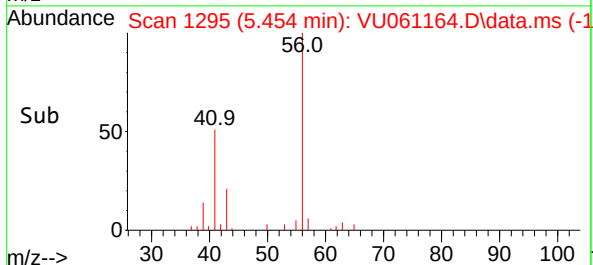
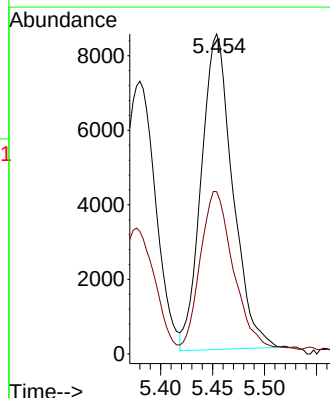
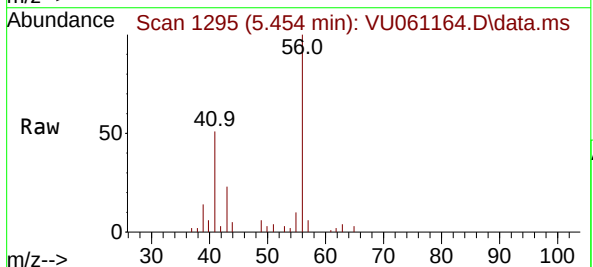
RT: 5.454 min Scan# 1295

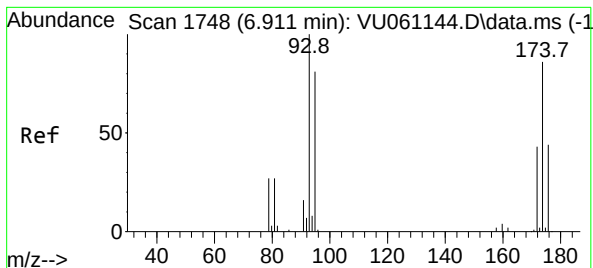
Delta R.T. 0.006 min

Lab File: VU061164.D

Acq: 18 Oct 2024 14:38

Tgt Ion:	56	Resp:	17793
Ion Ratio	Lower	Upper	
56	100		
41	54.1	23.9	71.7





#43

Dibromomethane

Concen: 0.822 ug/l

RT: 6.914 min Scan# 1748

Delta R.T. 0.003 min

Lab File: VU061164.D

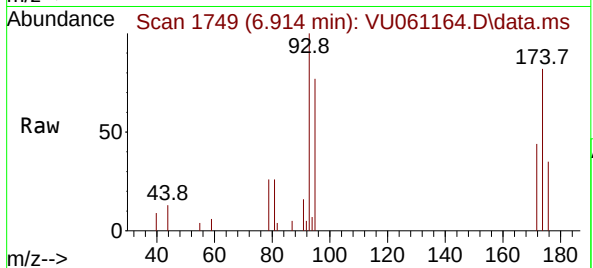
Acq: 18 Oct 2024 14:38

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT4-2024



Tgt Ion: 93 Resp: 5610

Ion Ratio Lower Upper

93 100

95 84.5 67.5 101.3

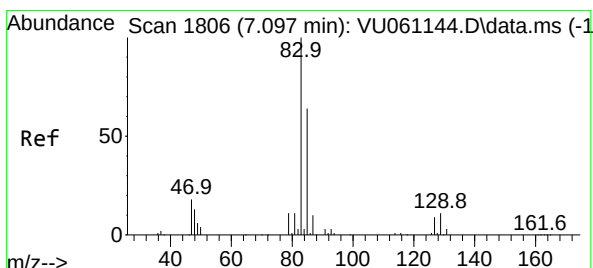
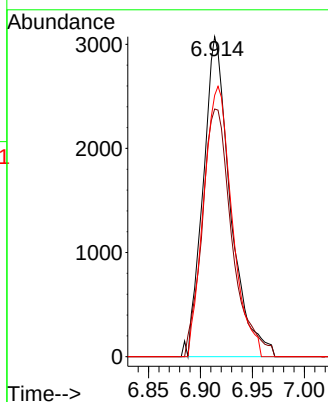
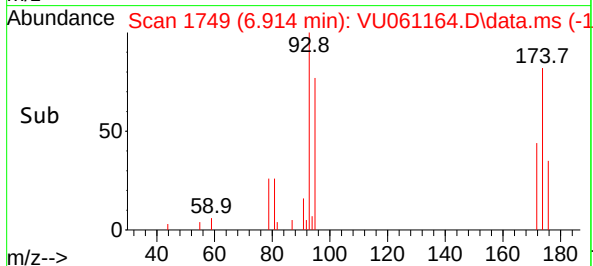
174 87.8 71.2 106.8

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Reviewed By :Mahesh Dadoda 10/25/2024

Supervised By :Semsettin Yesilyurt 10/25/2024



#44

Bromodichloromethane

Concen: 0.793 ug/l

RT: 7.097 min Scan# 1806

Delta R.T. -0.000 min

Lab File: VU061164.D

Acq: 18 Oct 2024 14:38

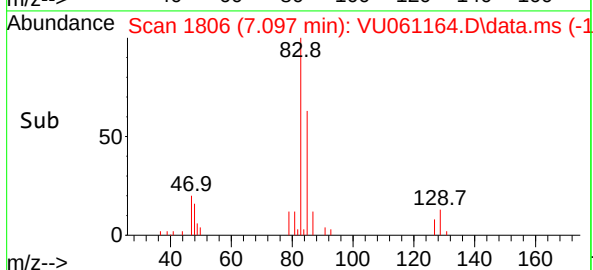
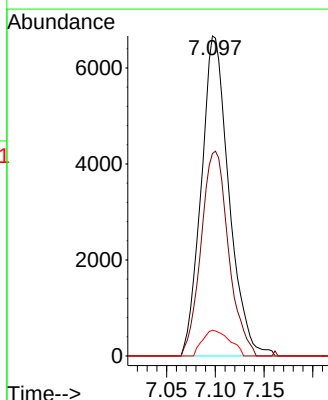
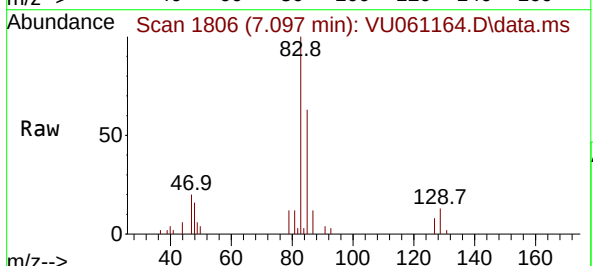
Tgt Ion: 83 Resp: 13150

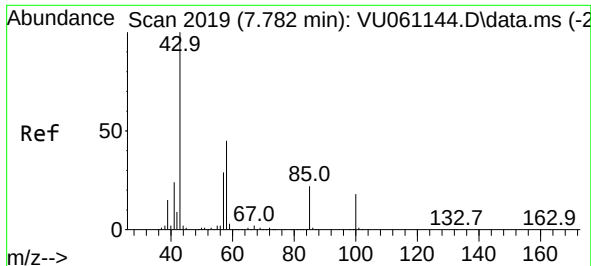
Ion Ratio Lower Upper

83 100

85 63.3 51.4 77.2

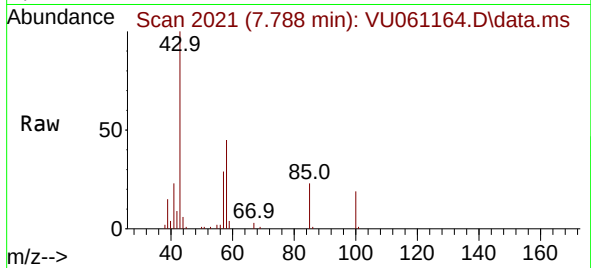
127 8.1 7.4 11.2





#45
4-Methyl-2-Pentanone
Concen: 3.864 ug/l
RT: 7.788 min Scan# 2019
Delta R.T. 0.006 min
Lab File: VU061164.D
Acq: 18 Oct 2024 14:38

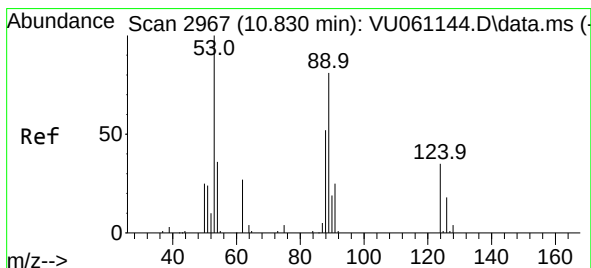
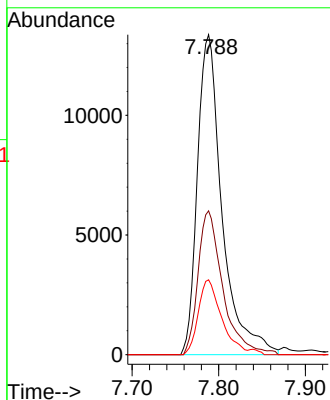
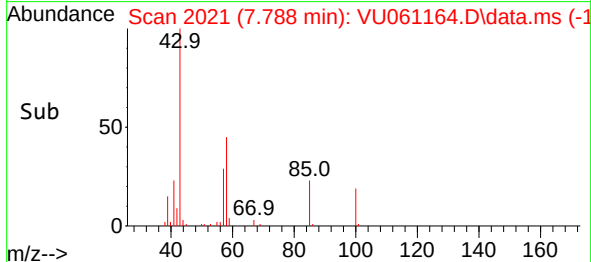
Instrument : MSVOA_U
ClientSampleId : LOD-MDL-WATER-01-QT4-2024



Tgt Ion: 43 Resp: 2645
Ion Ratio Lower Upper
43 100
58 45.1 22.2 66.6
85 22.1 17.2 25.8

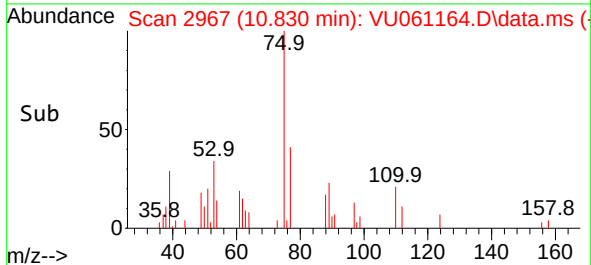
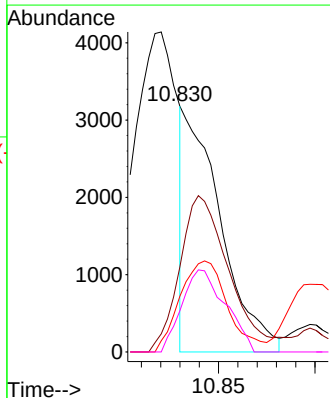
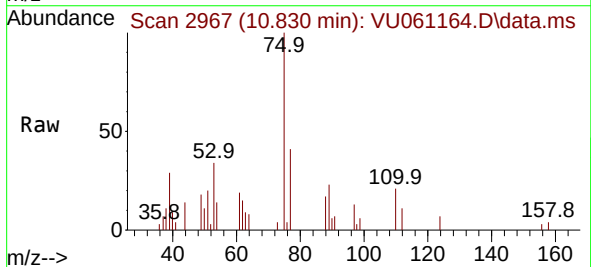
Manual Integrations
APPROVED

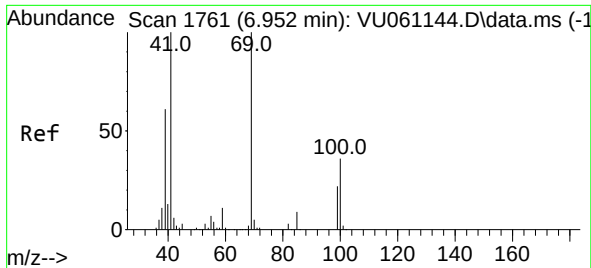
Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024



#46
t-1,4-Dichloro-2-butene
Concen: 1.541 ug/l m
RT: 10.830 min Scan# 2967
Delta R.T. -0.000 min
Lab File: VU061164.D
Acq: 18 Oct 2024 14:38

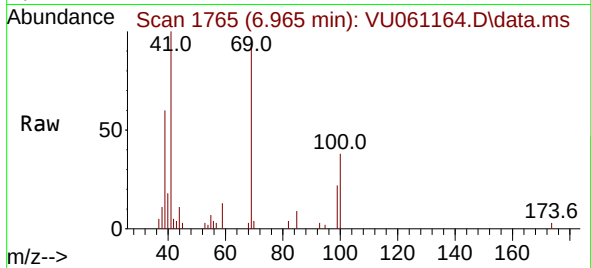
Tgt Ion: 75 Resp: 4208
Ion Ratio Lower Upper
75 100
53 86.2 66.0 99.0
89 48.2 48.0 72.0
88 39.6 35.7 53.5





#47
Methyl methacrylate
Concen: 1.557 ug/l
RT: 6.965 min Scan# 1765
Delta R.T. 0.013 min
Lab File: VU061164.D
Acq: 18 Oct 2024 14:38

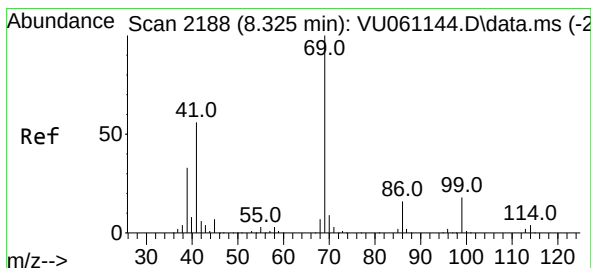
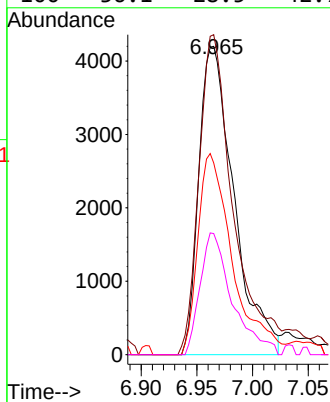
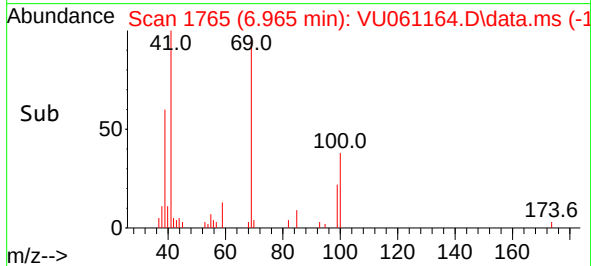
Instrument : MSVOA_U
ClientSampleId : LOD-MDL-WATER-01-QT4-2024



Tgt Ion: 69 Resp: 923
Ion Ratio Lower Upper
69 100
41 102.4 0.0 196.0
39 64.4 48.0 72.0
100 36.1 28.5 42.7

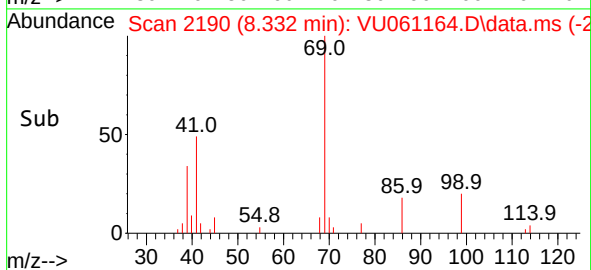
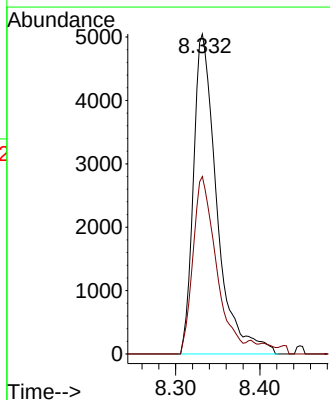
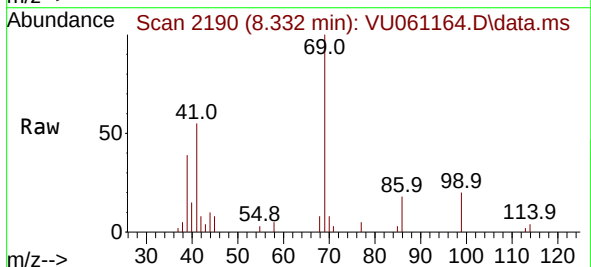
Manual Integrations
APPROVED

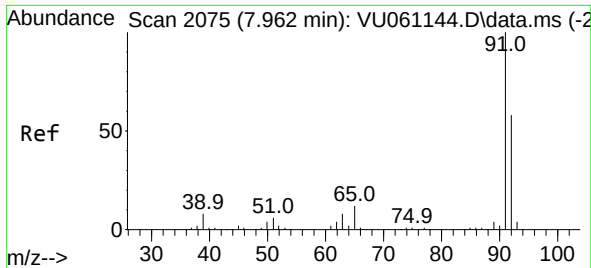
Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024



#48
Ethyl methacrylate
Concen: 0.771 ug/l
RT: 8.332 min Scan# 2190
Delta R.T. 0.006 min
Lab File: VU061164.D
Acq: 18 Oct 2024 14:38

Tgt Ion: 69 Resp: 9742
Ion Ratio Lower Upper
69 100
41 55.0 28.1 84.3





#49

Toluene

Concen: 0.826 ug/l

RT: 7.965 min Scan# 2075

Delta R.T. 0.003 min

Lab File: VU061164.D

Acq: 18 Oct 2024 14:38

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT4-2024

Tgt Ion: 92 Resp: 2710

Ion Ratio Lower Upper

92 100

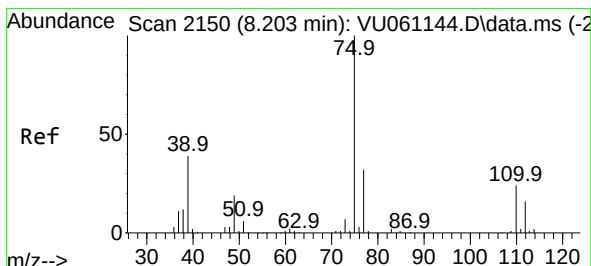
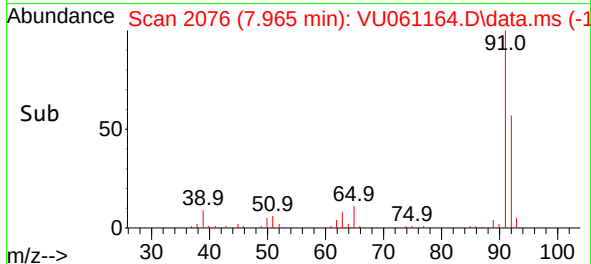
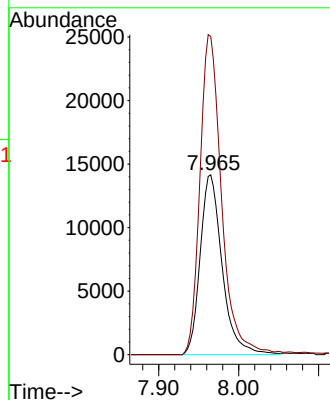
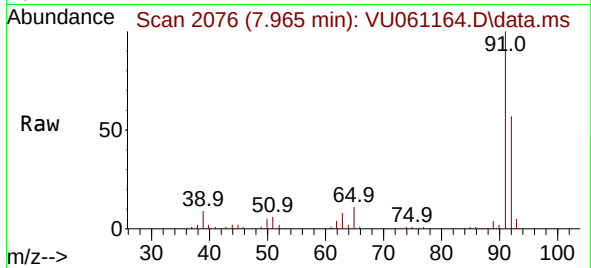
91 174.6 139.1 208.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/25/2024

Supervised By :Semsettin Yesilyurt 10/25/2024



#50

t-1,3-Dichloropropene

Concen: 0.760 ug/l

RT: 8.206 min Scan# 2151

Delta R.T. 0.003 min

Lab File: VU061164.D

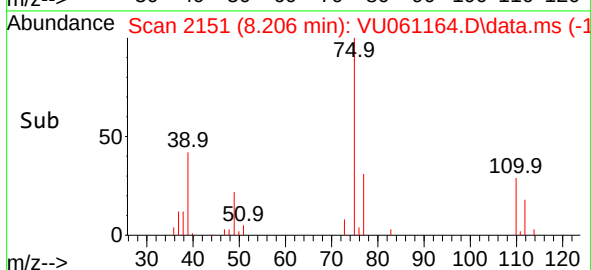
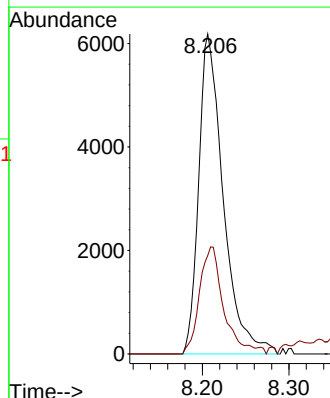
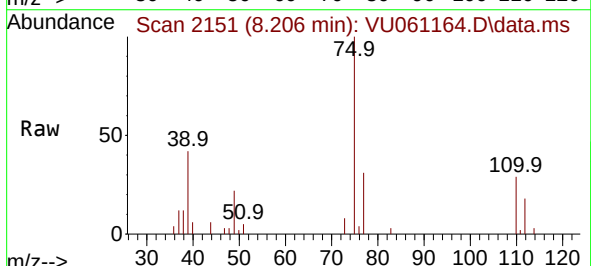
Acq: 18 Oct 2024 14:38

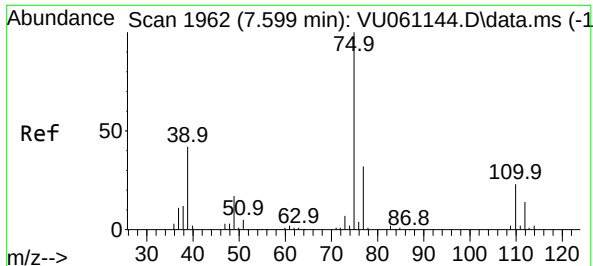
Tgt Ion: 75 Resp: 12155

Ion Ratio Lower Upper

75 100

77 30.7 25.9 38.9





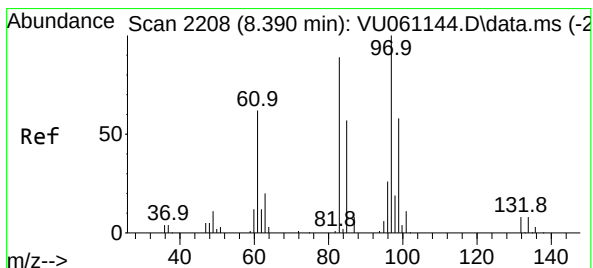
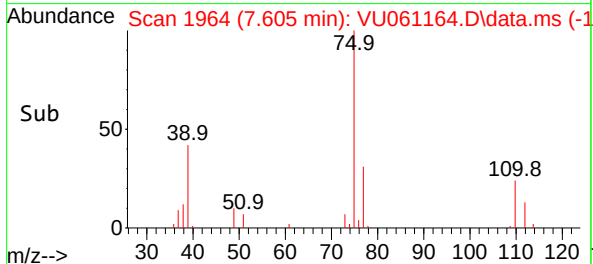
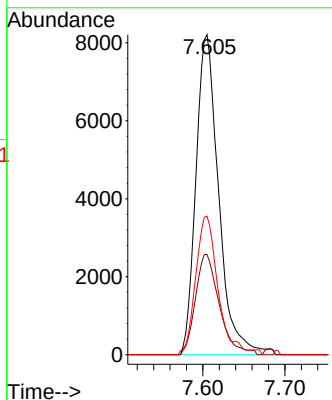
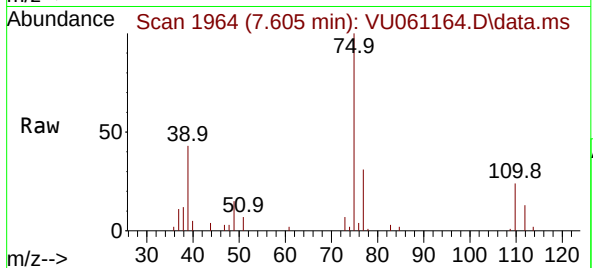
#51
 cis-1,3-Dichloropropene
 Concen: 0.806 ug/l
 RT: 7.605 min Scan# 1962
 Delta R.T. 0.006 min
 Lab File: VU061164.D
 Acq: 18 Oct 2024 14:38

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

Tgt Ion: 75 Resp: 15818
 Ion Ratio Lower Upper
 75 100
 77 31.3 25.8 38.8
 39 43.3 33.7 50.5

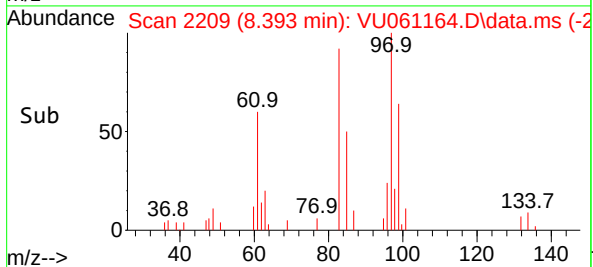
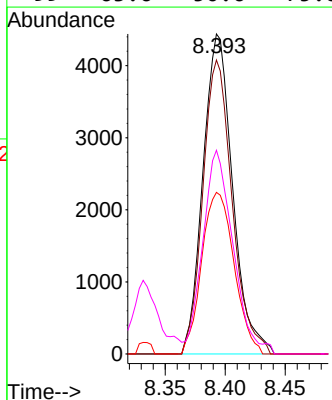
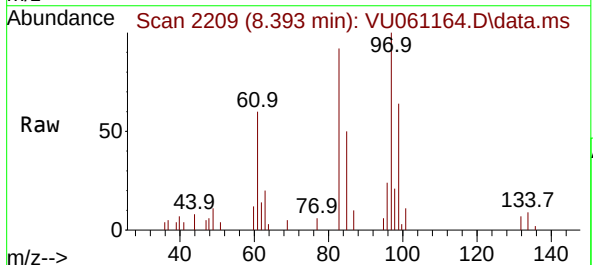
Manual Integrations
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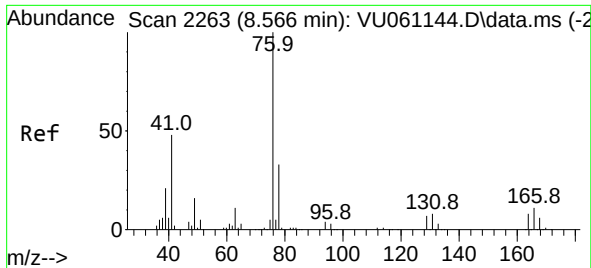
Reviewed By :Mahesh Dadoda 10/25/2024
 Supervised By :Semsettin Yesilyurt 10/25/2024



#52
 1,1,2-Trichloroethane
 Concen: 0.831 ug/l
 RT: 8.393 min Scan# 2209
 Delta R.T. 0.003 min
 Lab File: VU061164.D
 Acq: 18 Oct 2024 14:38

Tgt Ion: 97 Resp: 7641
 Ion Ratio Lower Upper
 97 100
 83 91.9 71.0 106.4
 85 50.5 46.1 69.1
 99 63.6 50.6 75.8





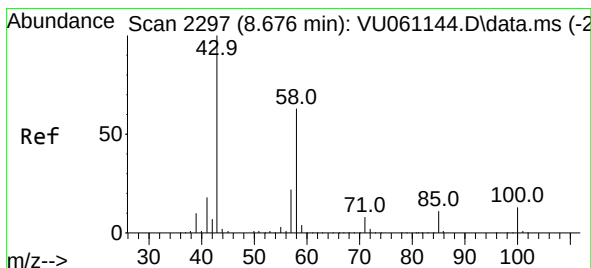
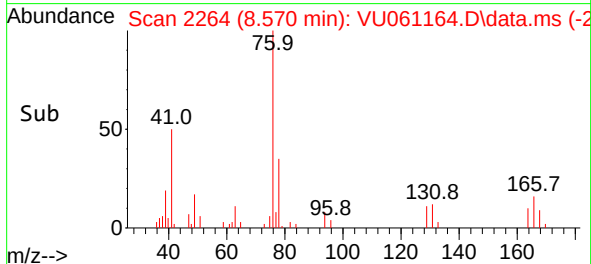
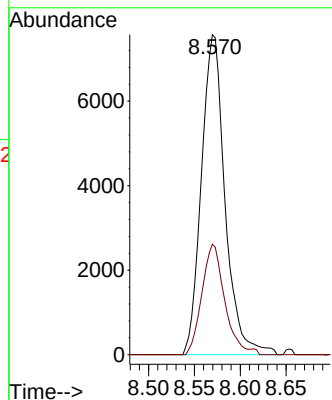
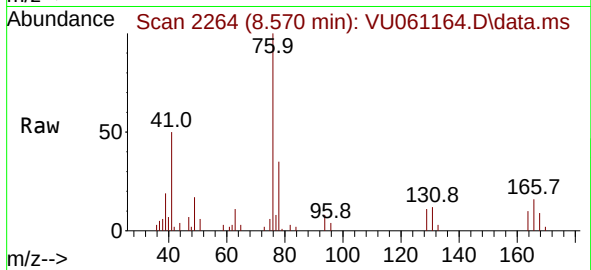
#53
1,3-Dichloropropane
Concen: 0.840 ug/l
RT: 8.570 min Scan# 2100
Delta R.T. 0.003 min
Lab File: VU061164.D
Acq: 18 Oct 2024 14:38

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

Tgt Ion: 76 Resp: 1356
Ion Ratio Lower Upper
76 100
78 33.4 26.2 39.2

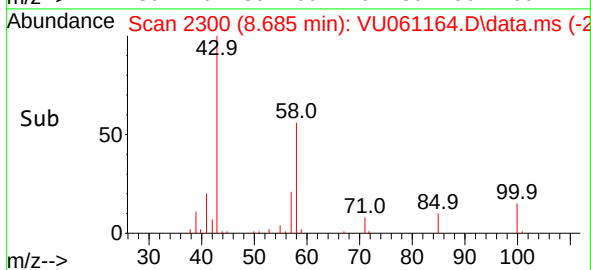
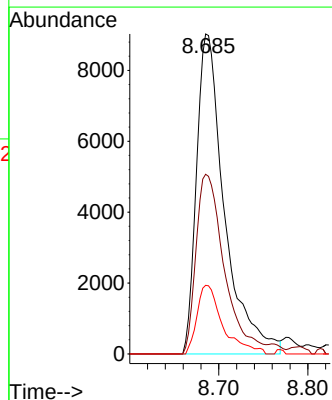
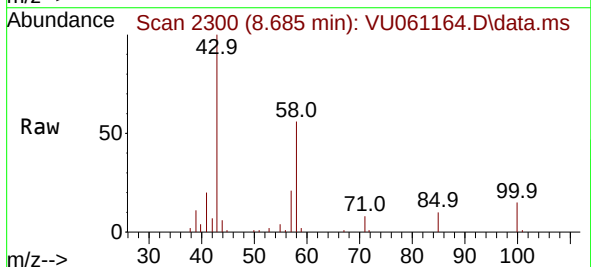
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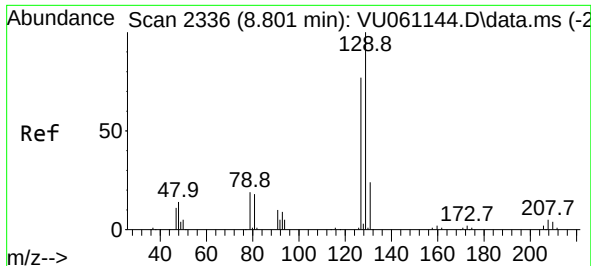
Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024



#54
2-Hexanone
Concen: 3.501 ug/l
RT: 8.685 min Scan# 2300
Delta R.T. 0.010 min
Lab File: VU061164.D
Acq: 18 Oct 2024 14:38

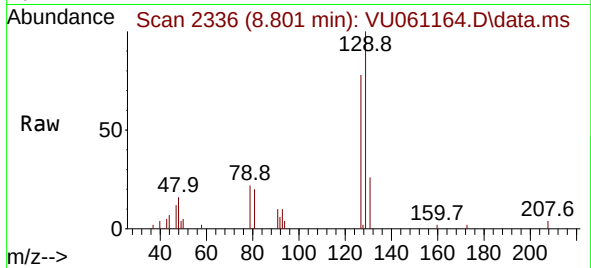
Tgt Ion: 43 Resp: 19694
Ion Ratio Lower Upper
43 100
58 56.8 41.8 81.8
57 19.8 1.4 41.4





#55
Dibromochloromethane
Concen: 0.764 ug/l
RT: 8.801 min Scan# 2336
Delta R.T. -0.000 min
Lab File: VU061164.D
Acq: 18 Oct 2024 14:38

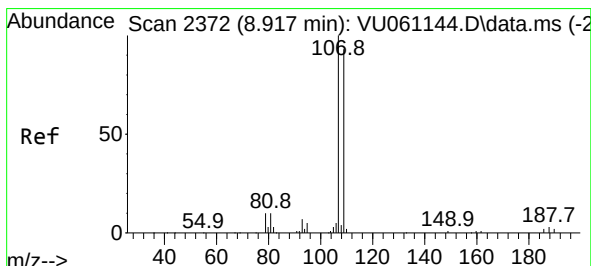
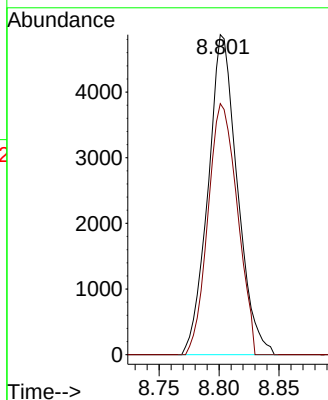
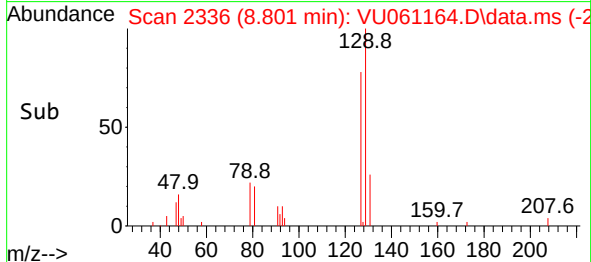
Instrument : MSVOA_U
ClientSampleId : LOD-MDL-WATER-01-QT4-2024



Tgt Ion:129 Resp: 8299
Ion Ratio Lower Upper
129 100
127 78.3 61.9 92.9

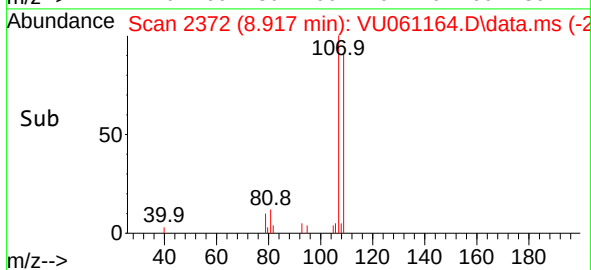
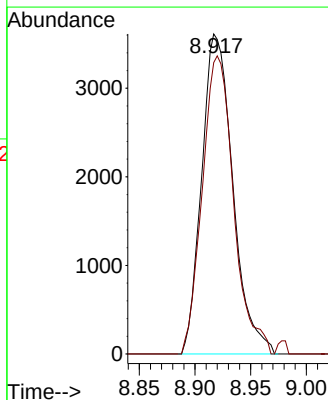
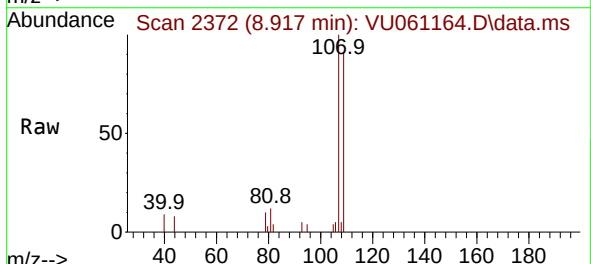
Manual Integrations
APPROVED

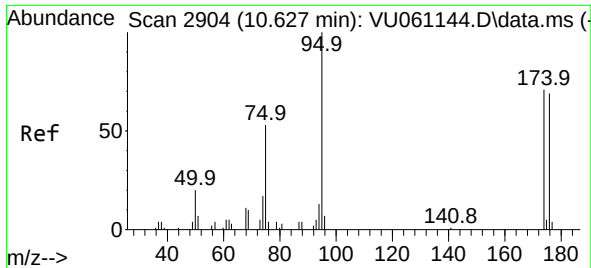
Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024



#56
1,2-Dibromoethane
Concen: 0.797 ug/l
RT: 8.917 min Scan# 2372
Delta R.T. -0.000 min
Lab File: VU061164.D
Acq: 18 Oct 2024 14:38

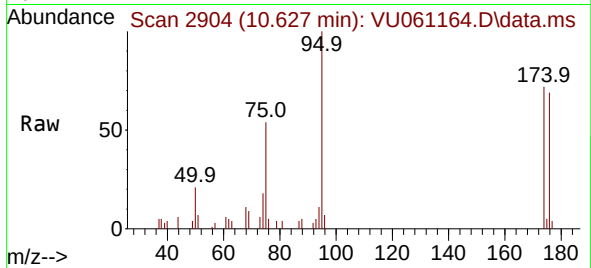
Tgt Ion:107 Resp: 7034
Ion Ratio Lower Upper
107 100
109 93.6 0.0 185.2





#57
4-Bromofluorobenzene
Concen: 0.977 ug/l
RT: 10.627 min Scan# 2904
Delta R.T. -0.000 min
Lab File: VU061164.D
Acq: 18 Oct 2024 14:38

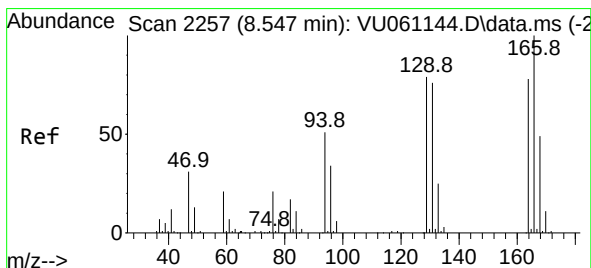
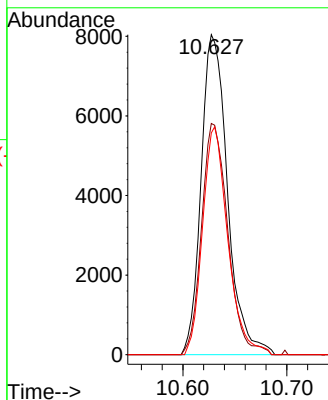
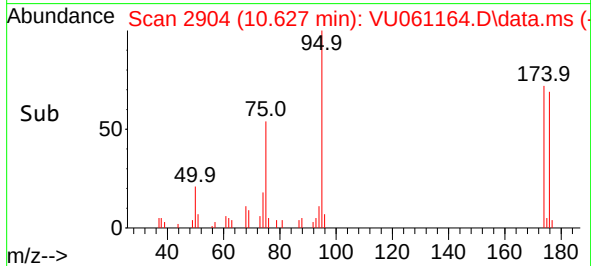
Instrument : MSVOA_U
ClientSampleId : LOD-MDL-WATER-01-QT4-2024



Tgt Ion: 95 Resp: 14208
Ion Ratio Lower Upper
95 100
174 71.8 55.4 83.0
176 68.2 54.4 81.6

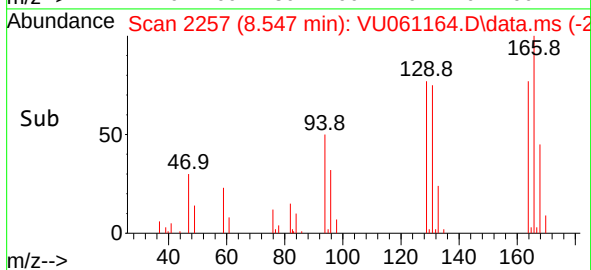
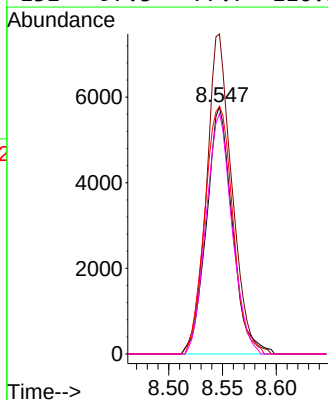
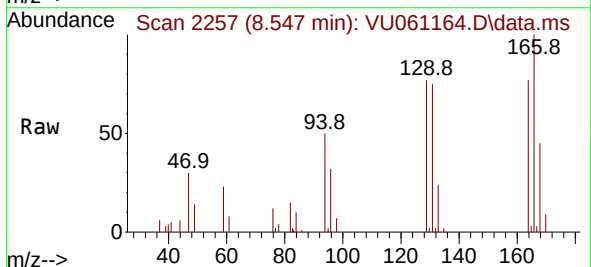
Manual Integrations
APPROVED

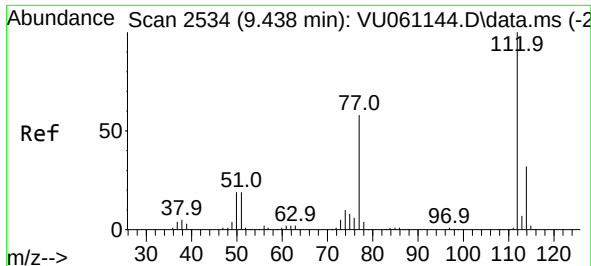
Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024



#58
Tetrachloroethene
Concen: 0.825 ug/l
RT: 8.547 min Scan# 2257
Delta R.T. -0.000 min
Lab File: VU061164.D
Acq: 18 Oct 2024 14:38

Tgt Ion:164 Resp: 9695
Ion Ratio Lower Upper
164 100
166 129.5 102.1 153.1
129 100.3 80.6 120.8
131 97.3 77.7 116.5





#59

Chlorobenzene

Concen: 0.828 ug/l

RT: 9.441 min Scan# 2535

Delta R.T. 0.003 min

Lab File: VU061164.D

Acq: 18 Oct 2024 14:38

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT4-2024

Tgt Ion:112 Resp: 2925

Ion Ratio Lower Upper

112 100

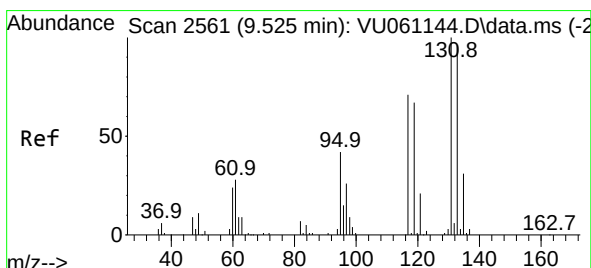
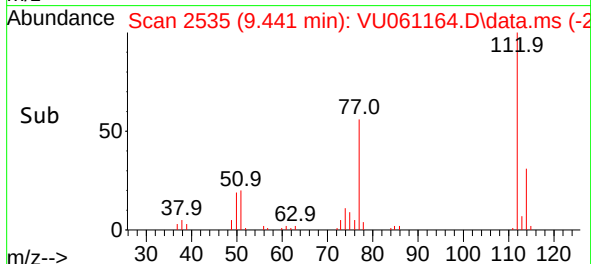
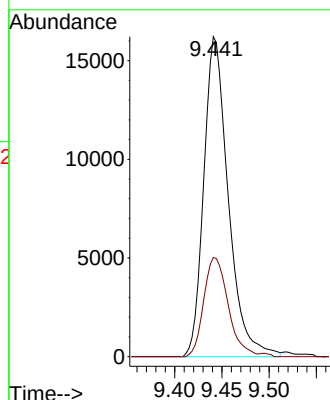
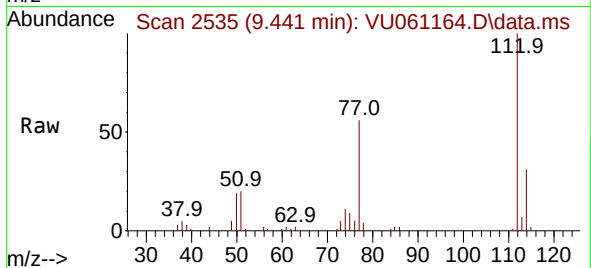
114 31.0 25.4 38.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/25/2024

Supervised By :Semsettin Yesilyurt 10/25/2024



#60

1,1,1,2-Tetrachloroethane

Concen: 0.830 ug/l

RT: 9.524 min Scan# 2561

Delta R.T. -0.000 min

Lab File: VU061164.D

Acq: 18 Oct 2024 14:38

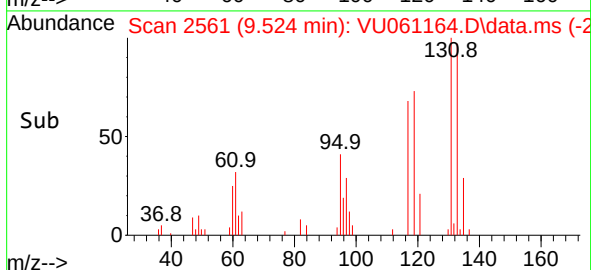
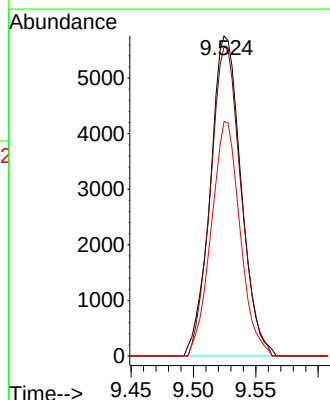
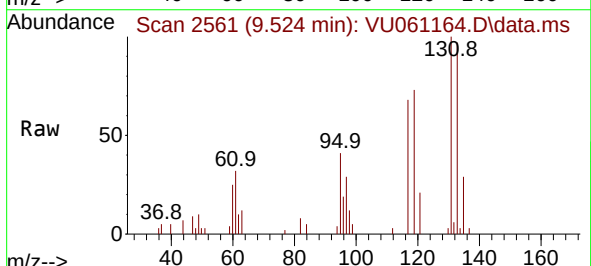
Tgt Ion:131 Resp: 9894

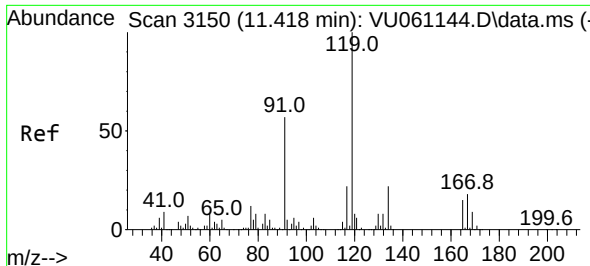
Ion Ratio Lower Upper

131 100

133 95.8 76.8 115.2

119 68.7 54.2 81.2





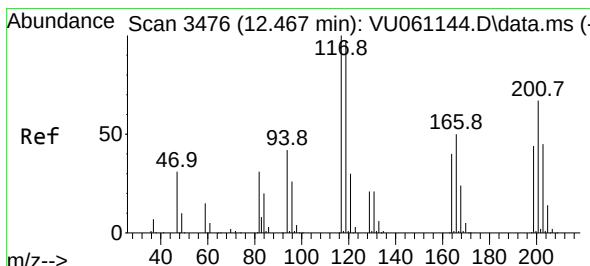
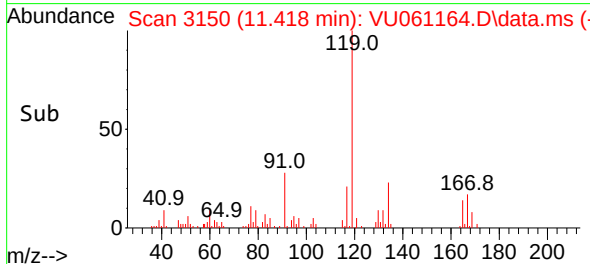
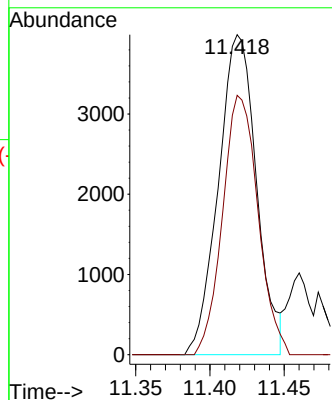
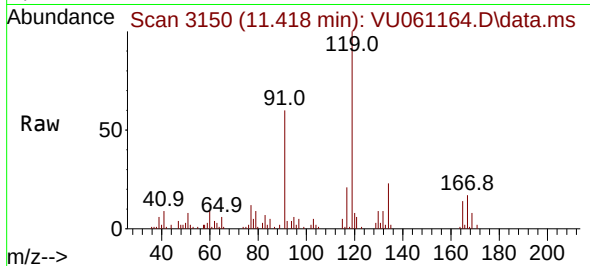
#61
Pentachloroethane
Concen: 0.779 ug/l
RT: 11.418 min Scan# 3150
Delta R.T. -0.000 min
Lab File: VU061164.D
Acq: 18 Oct 2024 14:38

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

Tgt Ion:117 Resp: 710
Ion Ratio Lower Upper
117 100
167 75.4 63.4 95.2

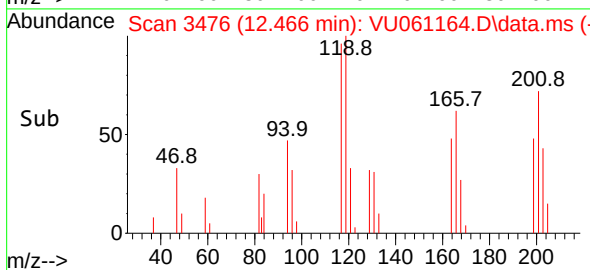
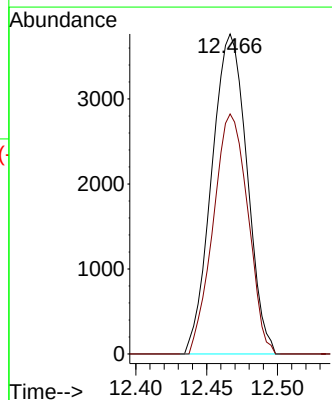
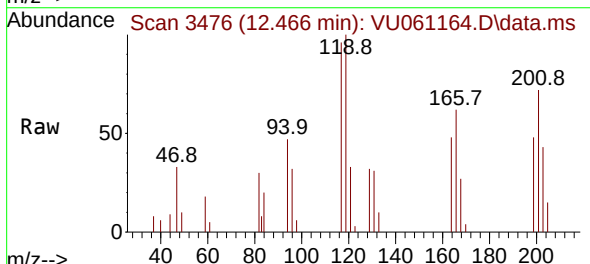
Manual Integrations
APPROVED

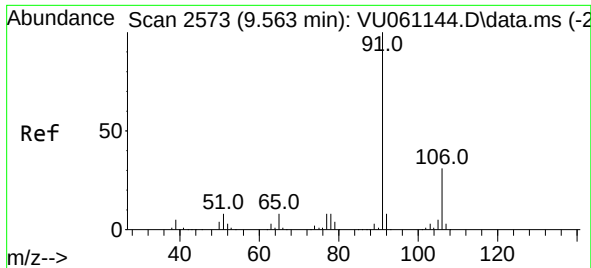
Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024



#62
Hexachloroethane
Concen: 0.693 ug/l
RT: 12.466 min Scan# 3476
Delta R.T. -0.000 min
Lab File: VU061164.D
Acq: 18 Oct 2024 14:38

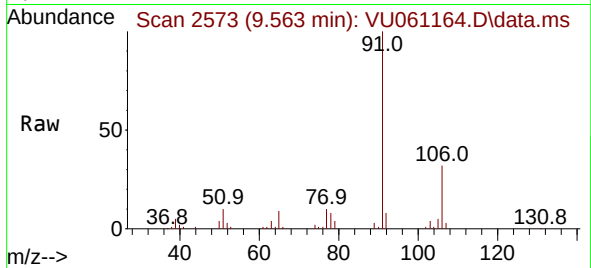
Tgt Ion:117 Resp: 6513
Ion Ratio Lower Upper
117 100
201 73.6 54.3 81.5





#63
Ethyl Benzene
Concen: 0.795 ug/l
RT: 9.563 min Scan# 2573
Delta R.T. -0.000 min
Lab File: VU061164.D
Acq: 18 Oct 2024 14:38

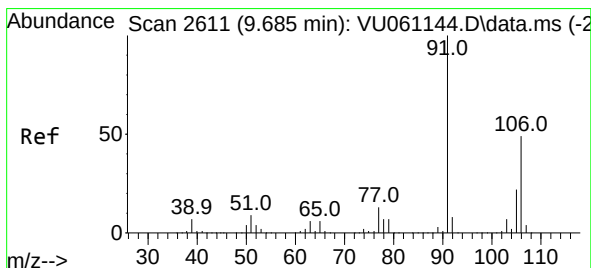
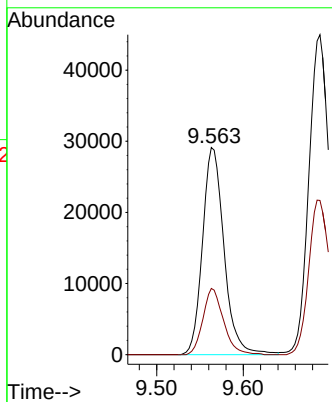
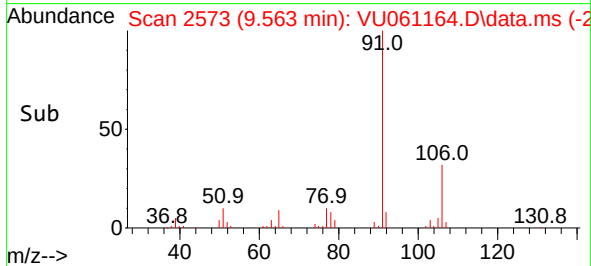
Instrument : MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



Tgt Ion: 91 Resp: 50330
Ion Ratio Lower Upper
91 100
106 31.9 24.6 37.0

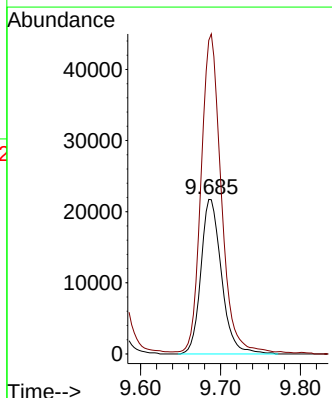
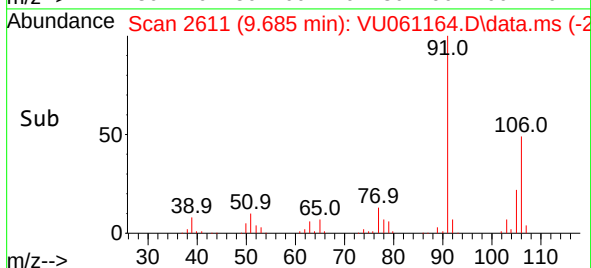
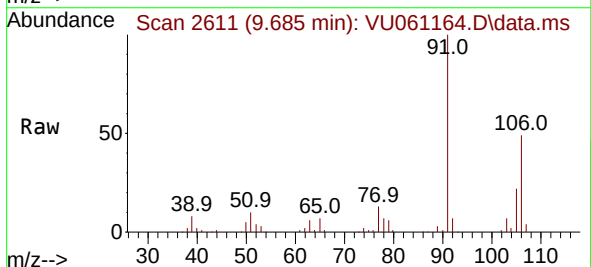
Manual Integrations
APPROVED

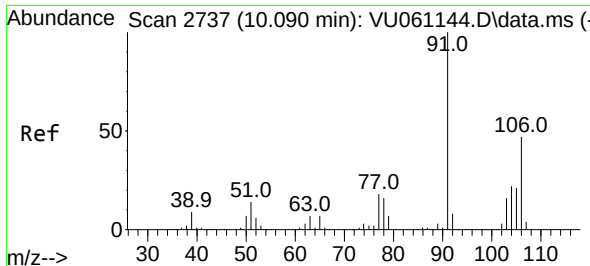
Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024



#64
m/p-Xylenes
Concen: 1.617 ug/l
RT: 9.685 min Scan# 2611
Delta R.T. -0.000 min
Lab File: VU061164.D
Acq: 18 Oct 2024 14:38

Tgt Ion:106 Resp: 38955
Ion Ratio Lower Upper
106 100
91 199.7 163.3 244.9





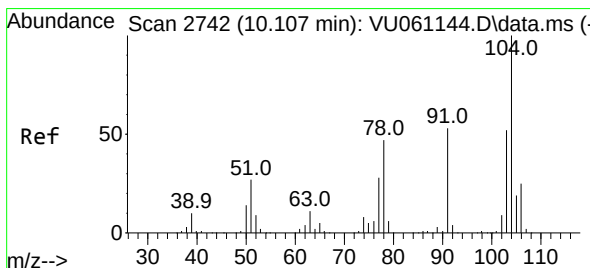
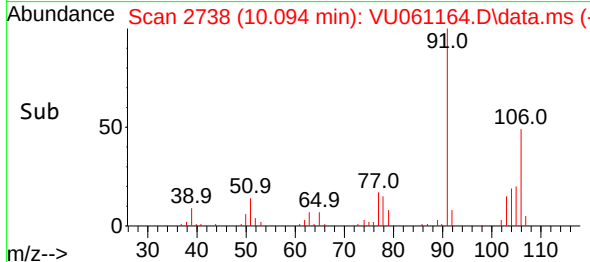
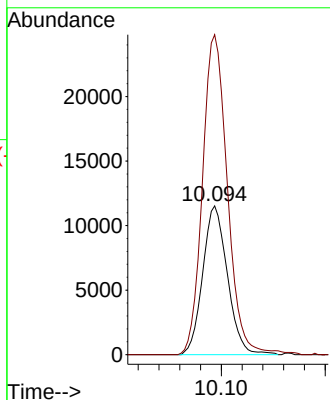
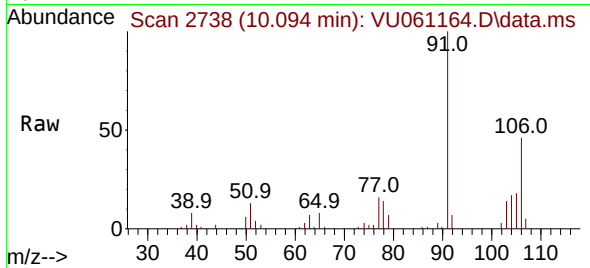
#65
o-Xylene
Concen: 0.802 ug/l
RT: 10.094 min Scan# 2737
Delta R.T. 0.003 min
Lab File: VU061164.D
Acq: 18 Oct 2024 14:38

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

Tgt Ion:106 Resp: 19040
Ion Ratio Lower Upper
106 100
91 217.0 106.9 320.8

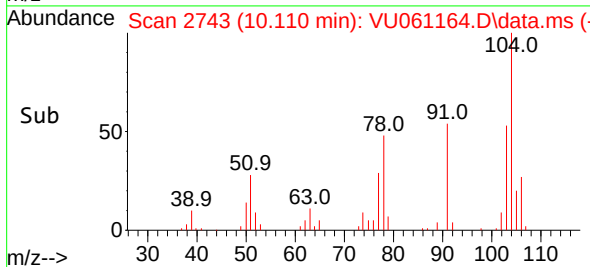
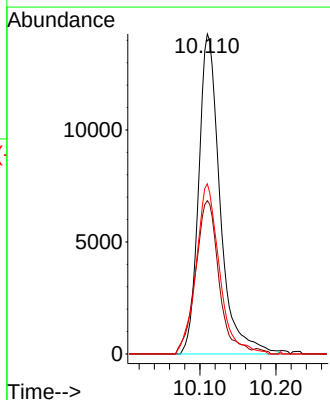
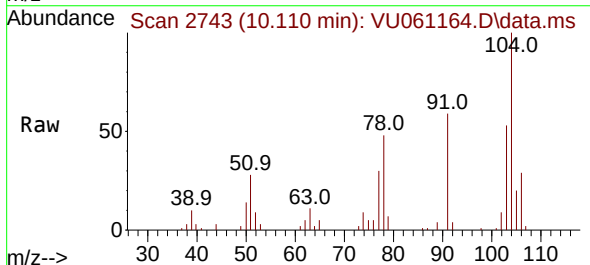
Manual Integrations
APPROVED

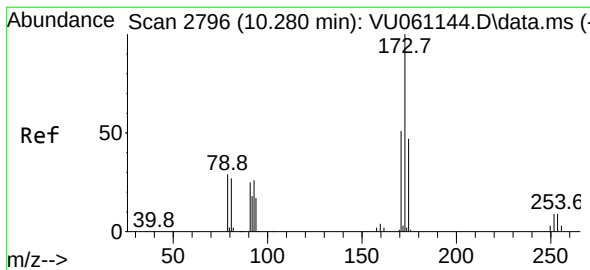
Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024



#66
Styrene
Concen: 0.759 ug/l
RT: 10.110 min Scan# 2743
Delta R.T. 0.003 min
Lab File: VU061164.D
Acq: 18 Oct 2024 14:38

Tgt Ion:104 Resp: 28003
Ion Ratio Lower Upper
104 100
78 52.2 41.6 62.4
103 57.7 45.0 67.6





#67

Bromoform

Concen: 0.792 ug/l

RT: 10.287 min Scan# 21

Delta R.T. 0.006 min

Lab File: VU061164.D

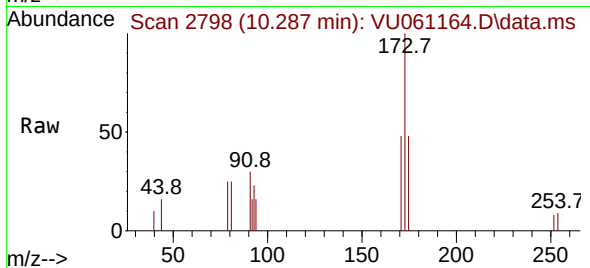
Acq: 18 Oct 2024 14:38

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT4-2024



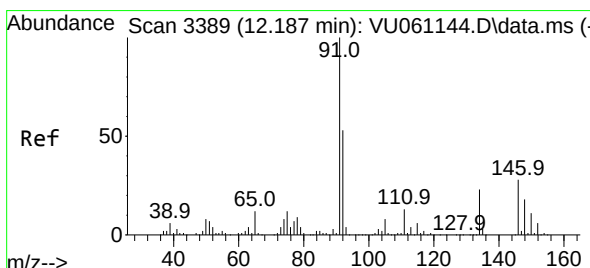
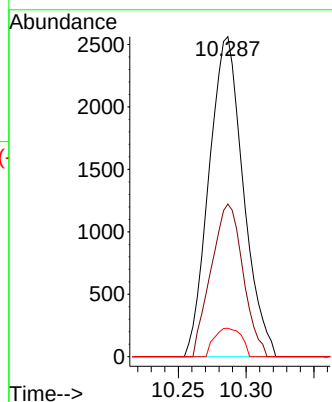
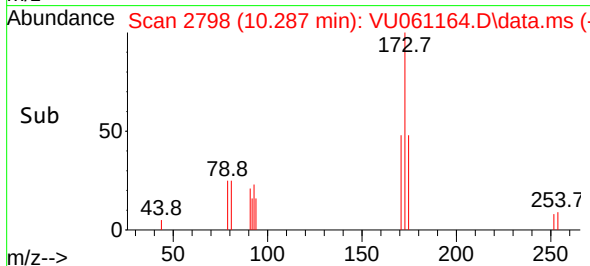
Tgt Ion:	173	Resp:	450
Ion Ratio	Lower	Upper	
173	100		
175	44.4	37.8	56.8
254	7.0	7.0	10.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/25/2024

Supervised By :Semsettin Yesilyurt 10/25/2024



#68

1,2-Dichlorobenzene-d4

Concen: 0.974 ug/l

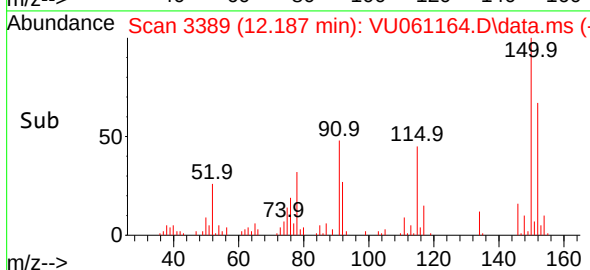
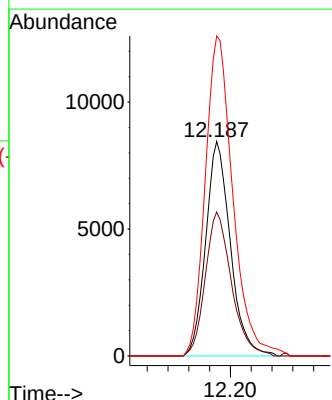
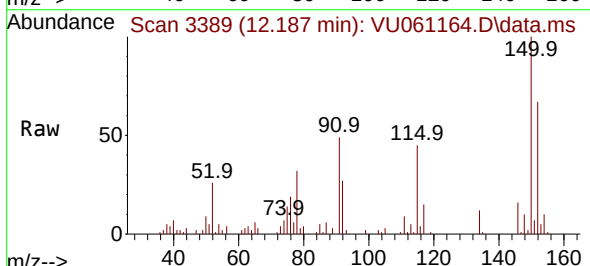
RT: 12.187 min Scan# 3389

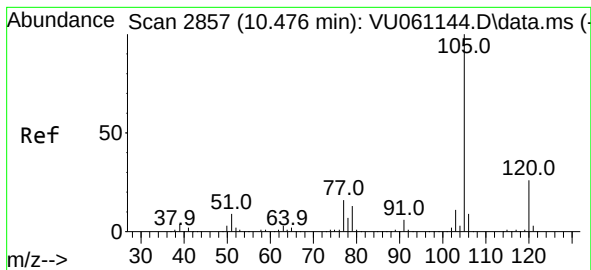
Delta R.T. -0.000 min

Lab File: VU061164.D

Acq: 18 Oct 2024 14:38

Tgt Ion:	152	Resp:	13953
Ion Ratio	Lower	Upper	
152	100		
115	70.8	0.0	275.0
150	166.3	0.0	668.8





#69

Isopropylbenzene

Concen: 0.779 ug/l

RT: 10.476 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU061164.D

Acq: 18 Oct 2024 14:38

Instrument :

MSVOA_U

ClientSampleId :

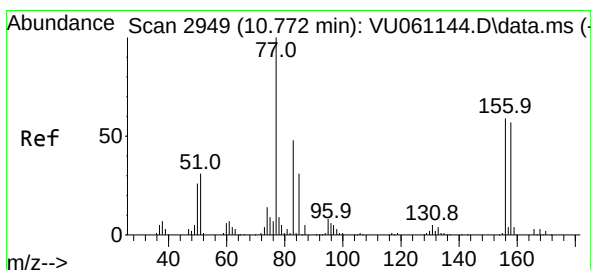
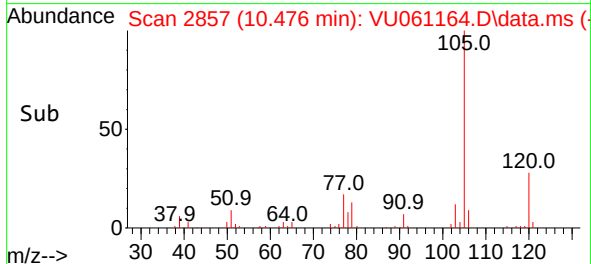
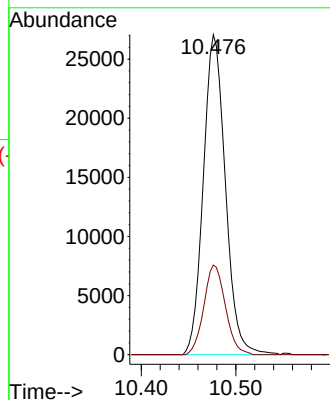
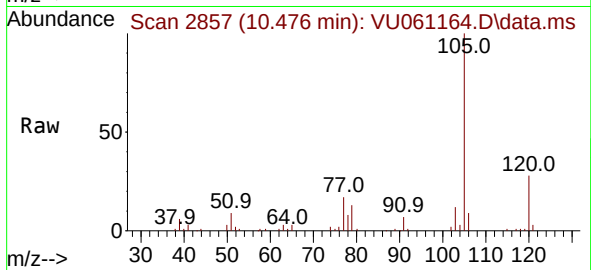
LOD-MDL-WATER-01-QT4-2024

Tgt Ion:105 Resp: 43958
Ion Ratio Lower Upper
105 100
120 27.3 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: 0.818 ug/l

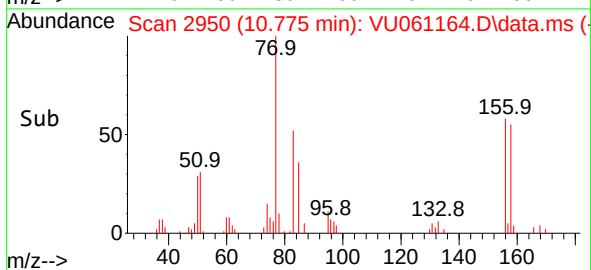
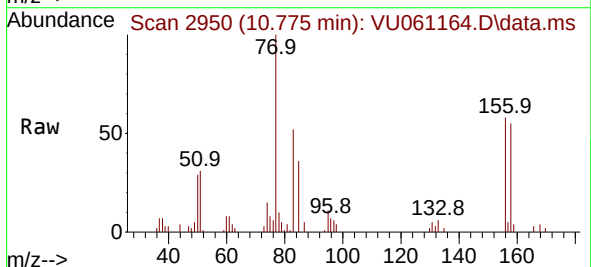
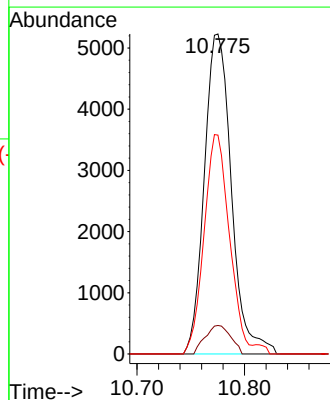
RT: 10.775 min Scan# 2950

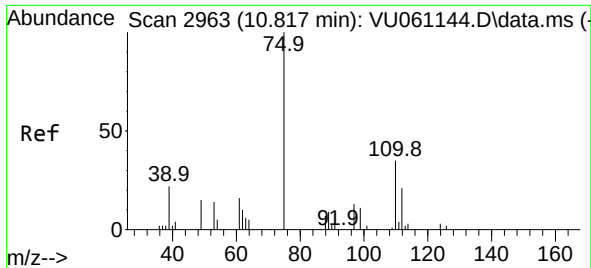
Delta R.T. 0.003 min

Lab File: VU061164.D

Acq: 18 Oct 2024 14:38

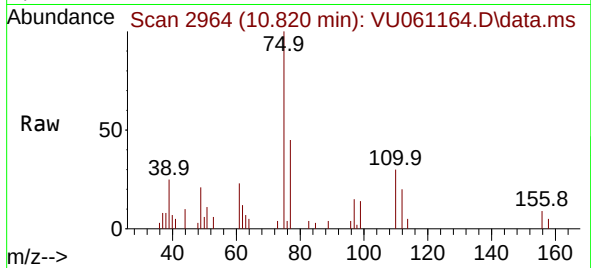
Tgt Ion: 83 Resp: 9139
Ion Ratio Lower Upper
83 100
131 8.4 7.8 11.8
85 64.2 50.8 76.2





#71
1,2,3-Trichloropropane
Concen: 0.859 ug/l m
RT: 10.820 min Scan# 2964
Delta R.T. 0.003 min
Lab File: VU061164.D
Acq: 18 Oct 2024 14:38

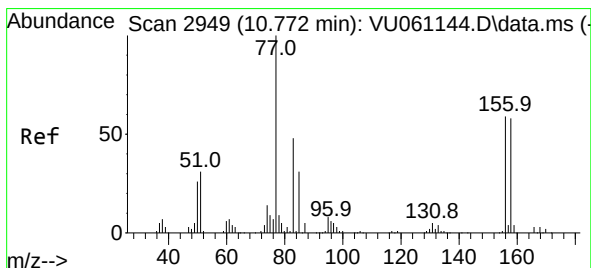
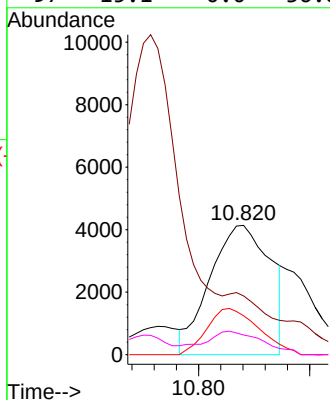
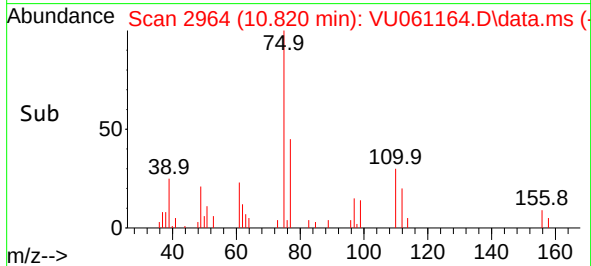
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



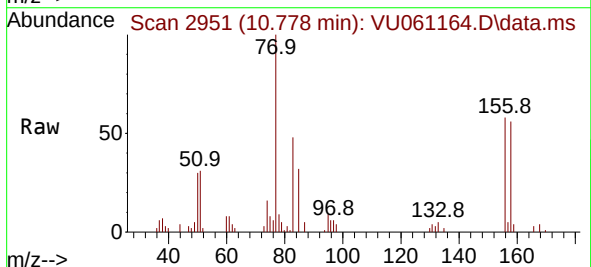
Tgt Ion: 75 Resp: 7814
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0
110 30.7 0.0 68.6
97 15.1 0.0 36.8

Manual Integrations
APPROVED

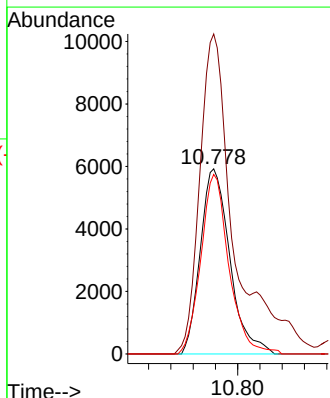
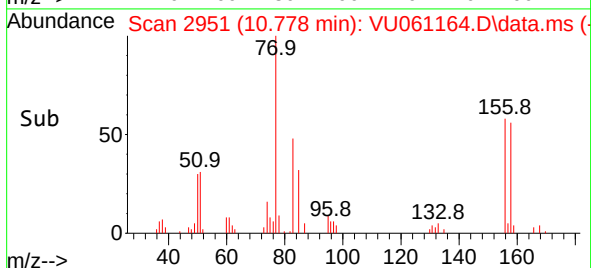
Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024

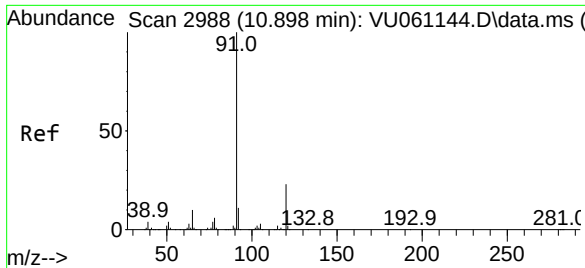


#72
Bromobenzene
Concen: 0.805 ug/l
RT: 10.778 min Scan# 2951
Delta R.T. 0.006 min
Lab File: VU061164.D
Acq: 18 Oct 2024 14:38



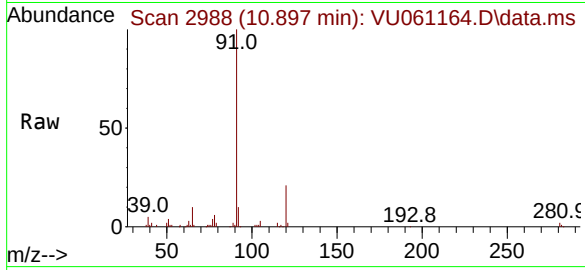
Tgt Ion:156 Resp: 10930
Ion Ratio Lower Upper
156 100
77 168.5 0.0 337.2
158 92.2 0.0 192.8





#73
n-propylbenzene
Concen: 0.733 ug/l
RT: 10.897 min Scan# 2988
Delta R.T. -0.000 min
Lab File: VU061164.D
Acq: 18 Oct 2024 14:38

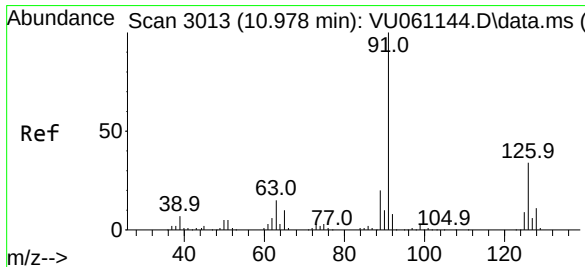
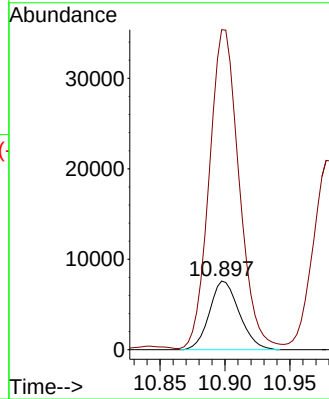
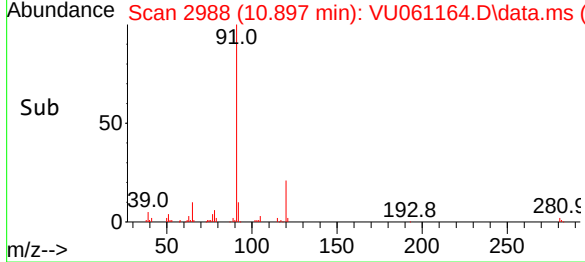
Instrument : MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



Tgt Ion:120 Resp: 1208
Ion Ratio Lower Upper
120 100
91 465.8 353.6 530.4

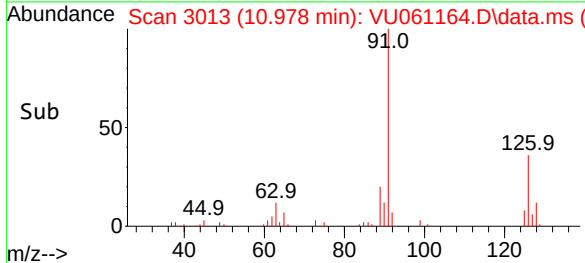
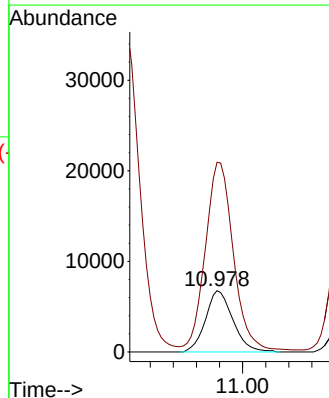
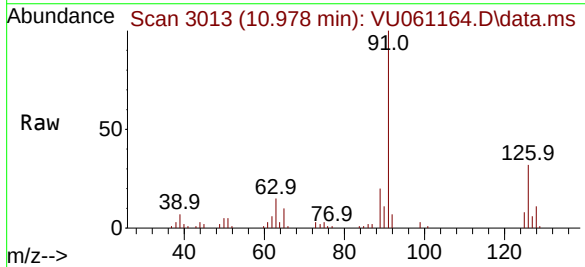
Manual Integrations
APPROVED

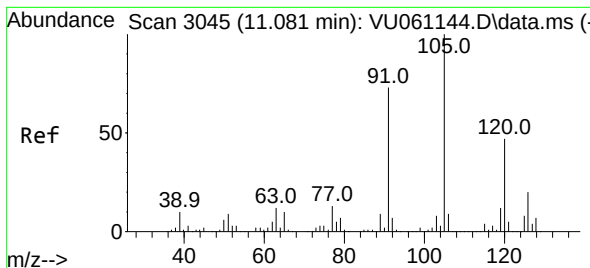
Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024



#74
2-Chlorotoluene
Concen: 0.781 ug/l
RT: 10.978 min Scan# 3013
Delta R.T. -0.000 min
Lab File: VU061164.D
Acq: 18 Oct 2024 14:38

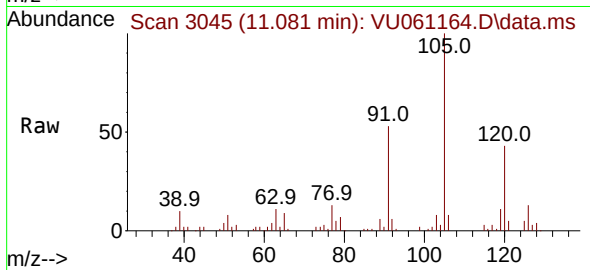
Tgt Ion:126 Resp: 11125
Ion Ratio Lower Upper
126 100
91 314.8 0.0 595.2





#75
1,3,5-Trimethylbenzene
Concen: 0.773 ug/l
RT: 11.081 min Scan# 3045
Delta R.T. -0.000 min
Lab File: VU061164.D
Acq: 18 Oct 2024 14:38

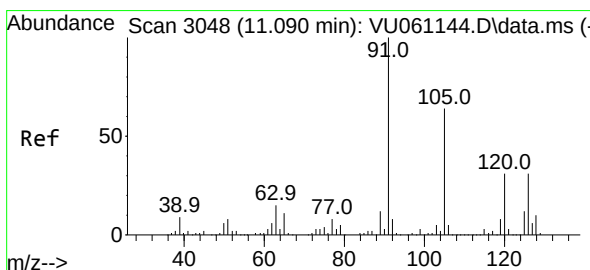
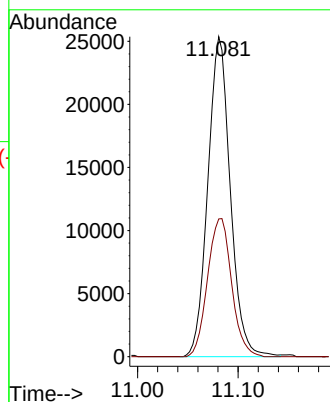
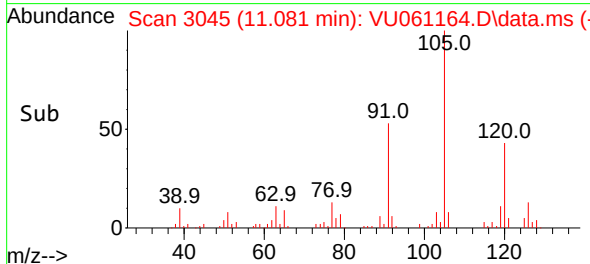
Instrument : MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



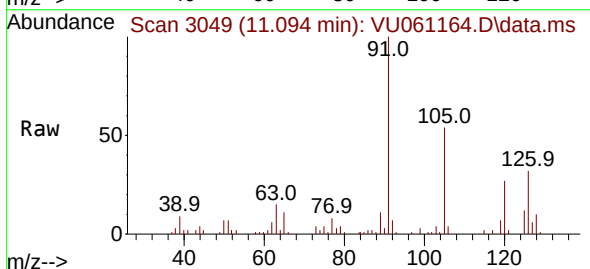
Tgt Ion:105 Resp: 3936
Ion Ratio Lower Upper
105 100
120 46.3 38.0 57.0

Manual Integrations
APPROVED

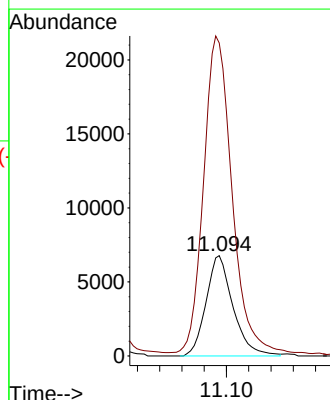
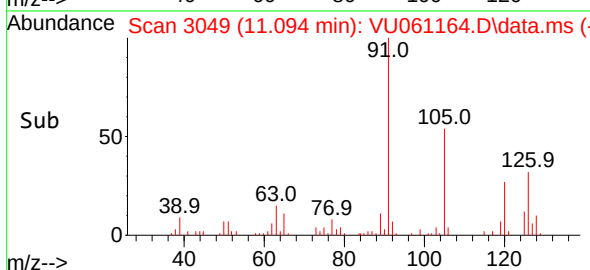
Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024

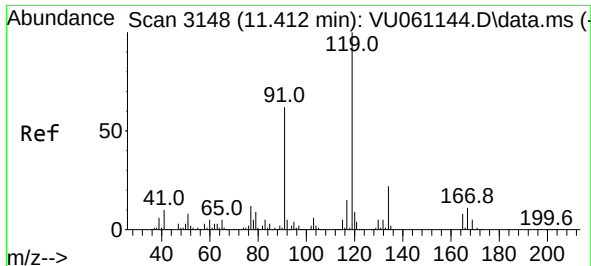


#76
4-Chlorotoluene
Concen: 0.786 ug/l
RT: 11.094 min Scan# 3049
Delta R.T. 0.003 min
Lab File: VU061164.D
Acq: 18 Oct 2024 14:38



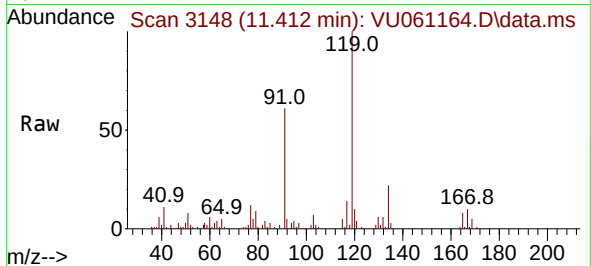
Tgt Ion:126 Resp: 11385
Ion Ratio Lower Upper
126 100
91 334.3 0.0 678.2





#77
tert-Butylbenzene
Concen: 0.790 ug/l
RT: 11.412 min Scan# 3148
Delta R.T. -0.000 min
Lab File: VU061164.D
Acq: 18 Oct 2024 14:38

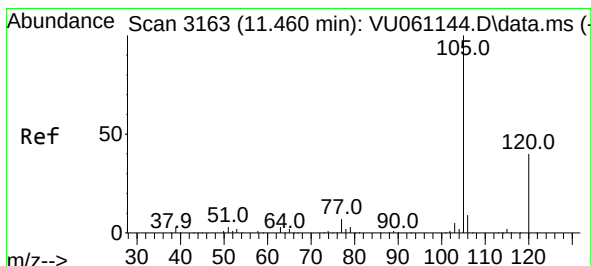
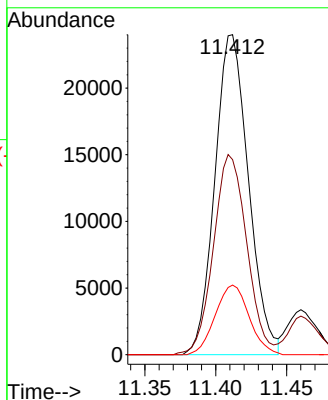
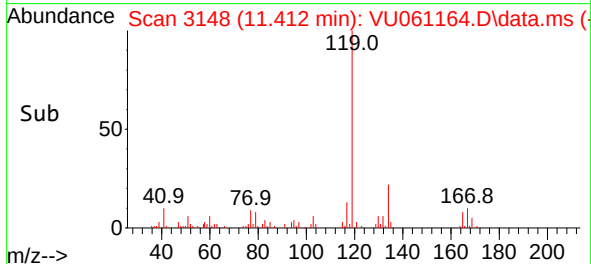
Instrument : MSVOA_U
ClientSampleId : LOD-MDL-WATER-01-QT4-2024



Tgt Ion:119 Resp: 3973
Ion Ratio Lower Upper
119 100
91 61.7 30.1 90.5
134 21.9 17.5 26.3

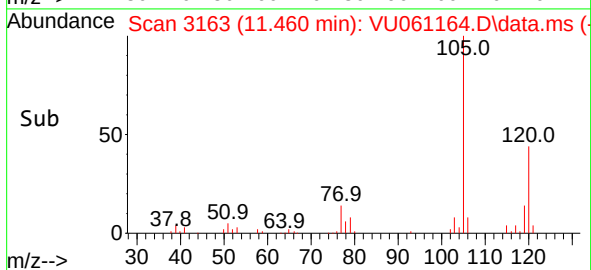
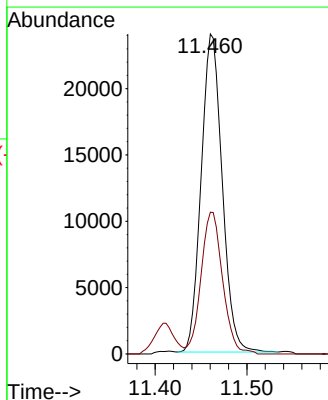
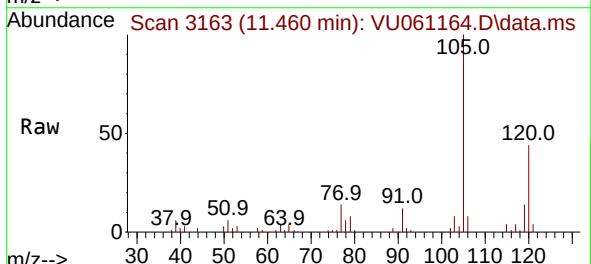
Manual Integrations
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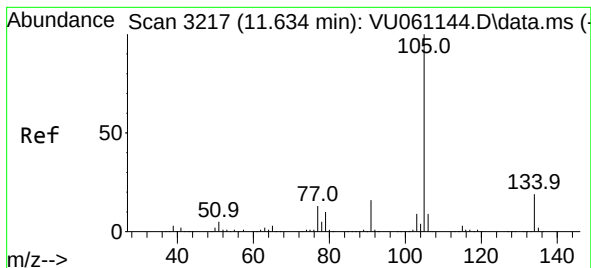
Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024



#78
1,2,4-Trimethylbenzene
Concen: 0.743 ug/l
RT: 11.460 min Scan# 3163
Delta R.T. -0.000 min
Lab File: VU061164.D
Acq: 18 Oct 2024 14:38

Tgt Ion:105 Resp: 38188
Ion Ratio Lower Upper
105 100
120 45.8 22.3 66.9





#79

sec-Butylbenzene

Concen: 0.787 ug/l

RT: 11.634 min Scan# 3217

Delta R.T. -0.000 min

Lab File: VU061164.D

Acq: 18 Oct 2024 14:38

Instrument :

MSVOA_U

ClientSampleId :

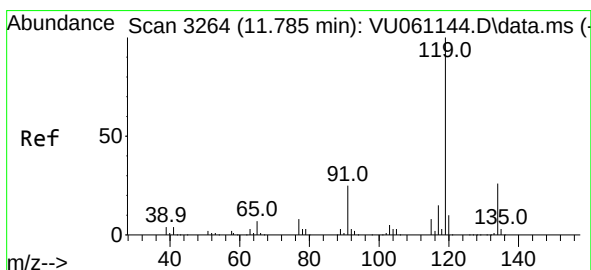
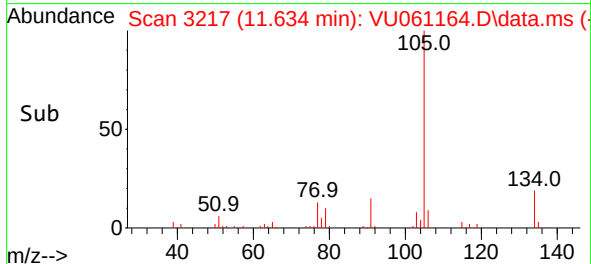
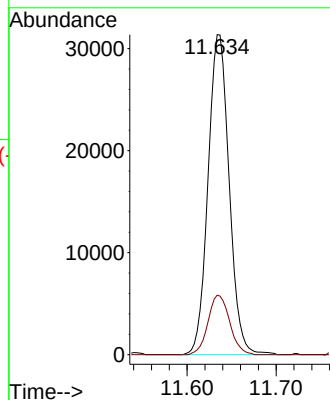
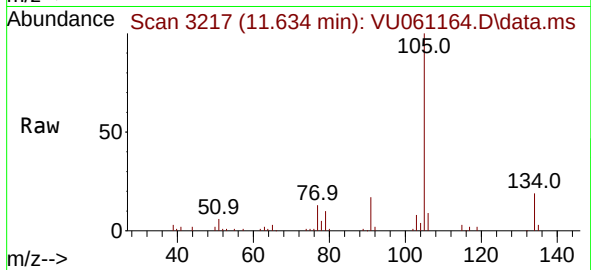
LOD-MDL-WATER-01-QT4-2024

Tgt Ion:105 Resp: 5159
 Ion Ratio Lower Upper
 105 100
 134 19.1 15.5 23.3

Manual Integrations

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



#81

p-Isopropyltoluene

Concen: 0.751 ug/l

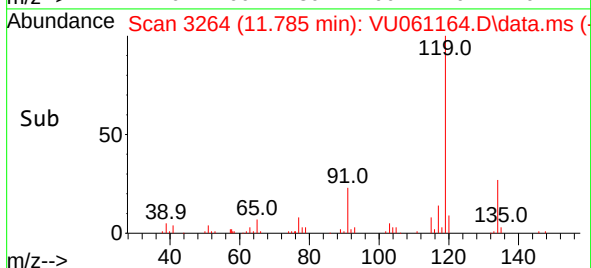
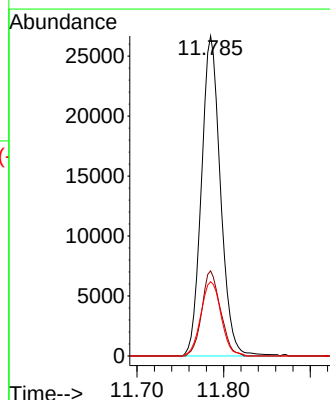
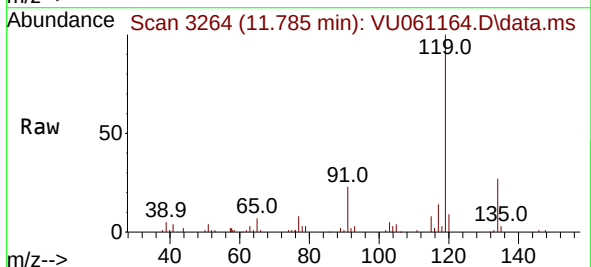
RT: 11.785 min Scan# 3264

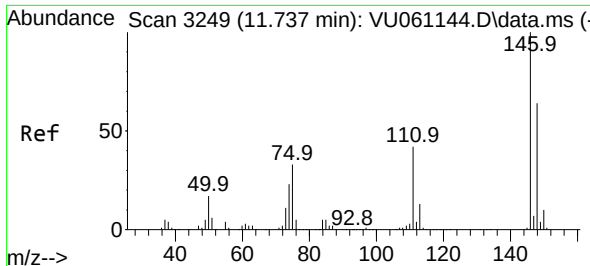
Delta R.T. -0.000 min

Lab File: VU061164.D

Acq: 18 Oct 2024 14:38

Tgt Ion:119 Resp: 40754
 Ion Ratio Lower Upper
 119 100
 134 26.1 21.0 31.6
 91 24.6 19.8 29.8





#82

1,3-Dichlorobenzene

Concen: 0.786 ug/l

RT: 11.740 min Scan# 31

Delta R.T. 0.003 min

Lab File: VU061164.D

Acq: 18 Oct 2024 14:38

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT4-2024

Tgt Ion:146 Resp: 2046

Ion Ratio Lower Upper

146 100

111 43.0 34.1 51.1

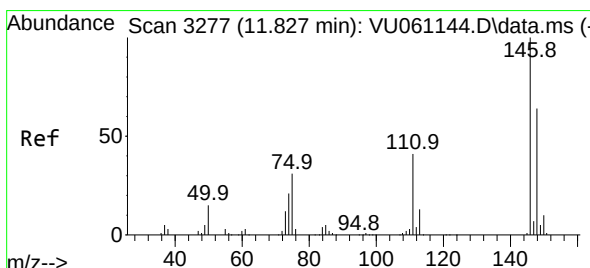
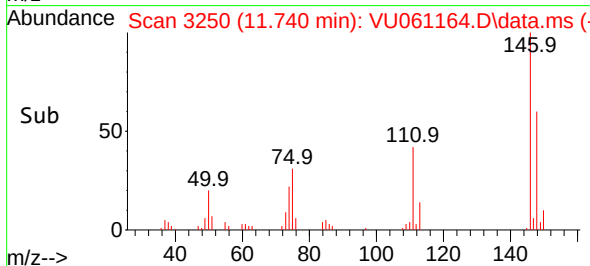
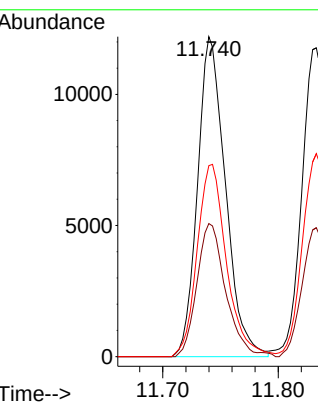
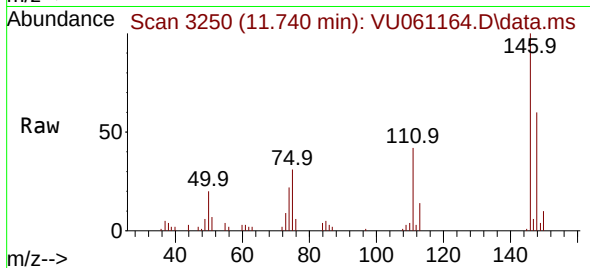
148 63.2 51.2 76.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/25/2024

Supervised By :Semsettin Yesilyurt 10/25/2024



#83

1,4-Dichlorobenzene

Concen: 0.812 ug/l

RT: 11.833 min Scan# 3279

Delta R.T. 0.006 min

Lab File: VU061164.D

Acq: 18 Oct 2024 14:38

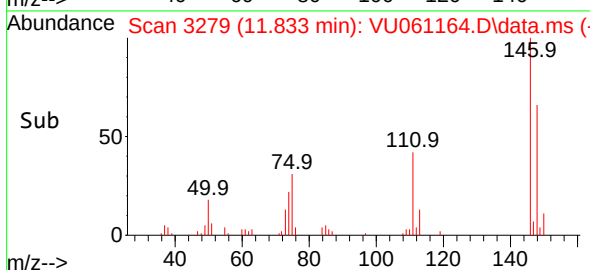
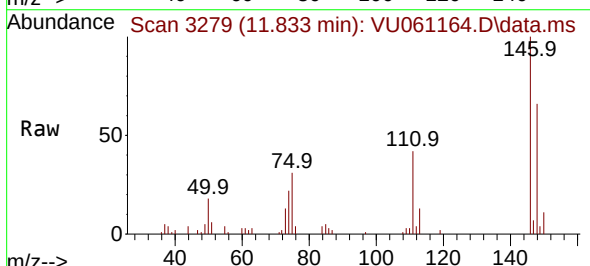
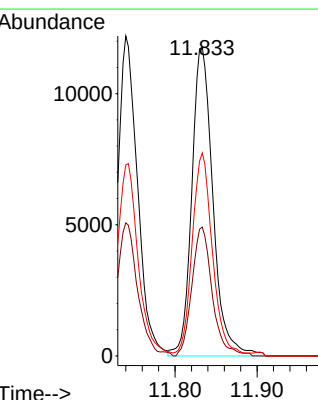
Tgt Ion:146 Resp: 21098

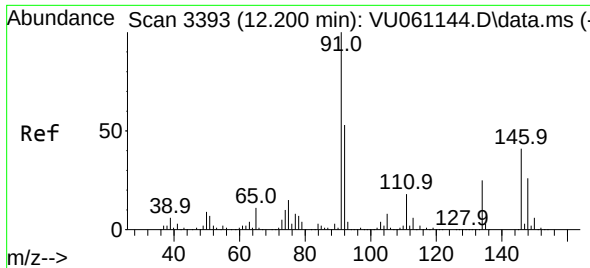
Ion Ratio Lower Upper

146 100

111 39.9 32.1 48.1

148 61.1 50.3 75.5





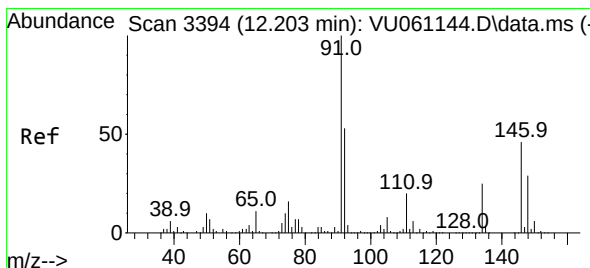
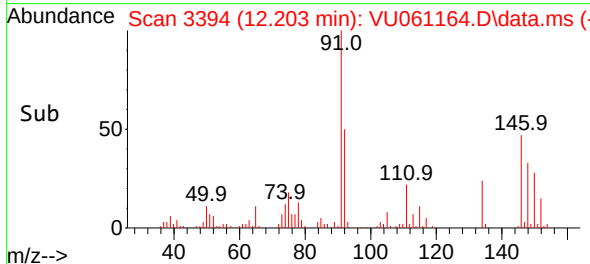
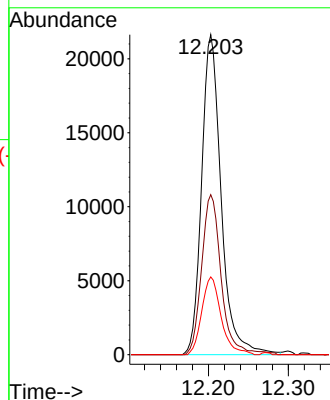
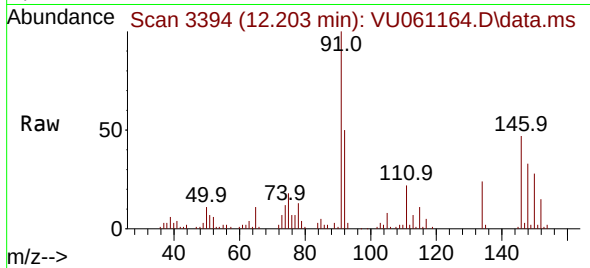
#84
n-Butylbenzene
Concen: 0.732 ug/l
RT: 12.203 min Scan# 3394
Delta R.T. 0.003 min
Lab File: VU061164.D
Acq: 18 Oct 2024 14:38

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

Tgt Ion: 91 Resp: 3684
Ion Ratio Lower Upper
91 100
92 50.2 41.8 62.8
134 24.1 19.7 29.5

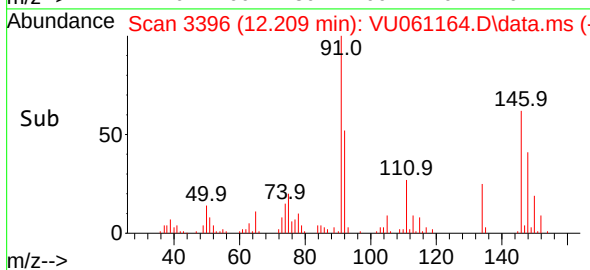
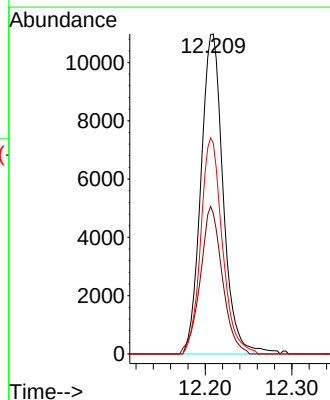
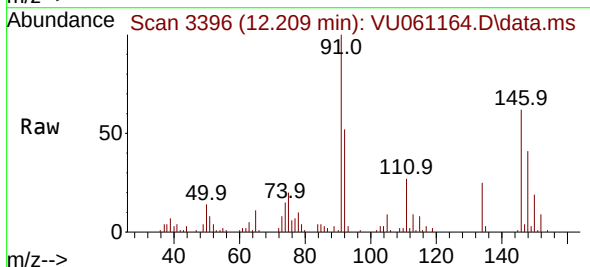
Manual Integrations
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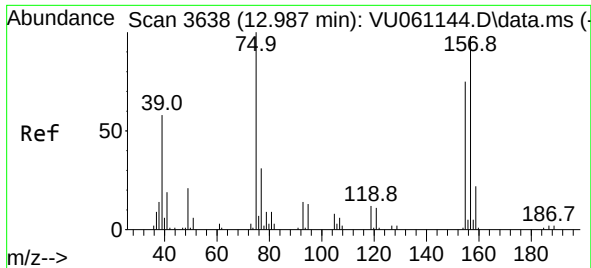
Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024



#85
1,2-Dichlorobenzene
Concen: 0.804 ug/l
RT: 12.209 min Scan# 3396
Delta R.T. 0.006 min
Lab File: VU061164.D
Acq: 18 Oct 2024 14:38

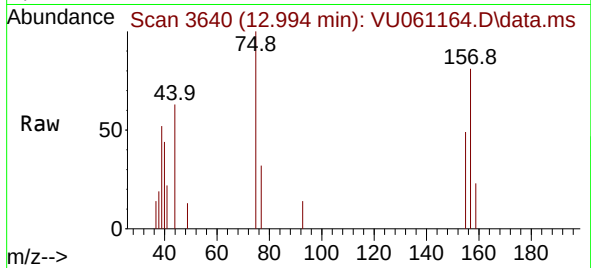
Tgt Ion:146 Resp: 19581
Ion Ratio Lower Upper
146 100
111 45.3 21.9 65.7
148 65.5 31.9 95.5





#86
1,2-Dibromo-3-Chloropropane
Concen: 0.788 ug/l
RT: 12.994 min Scan# 3640
Delta R.T. 0.006 min
Lab File: VU061164.D
Acq: 18 Oct 2024 14:38

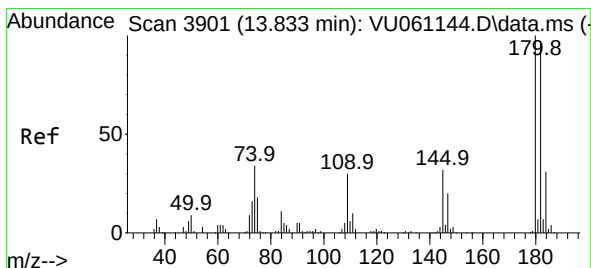
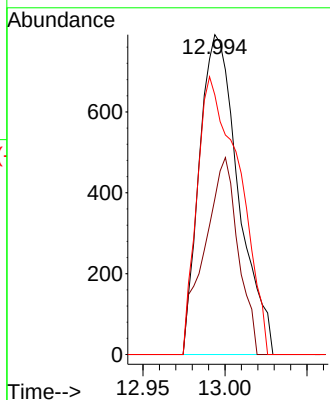
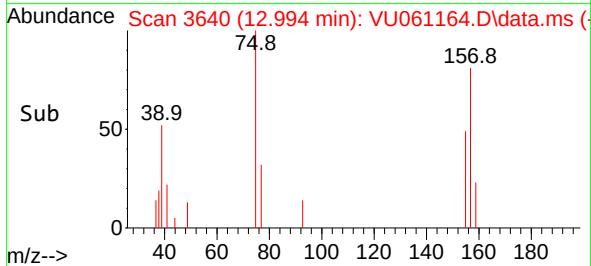
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



Tgt Ion: 75 Resp: 1307
Ion Ratio Lower Upper
75 100
155 53.1 61.4 92.0
157 94.5 78.5 117.7

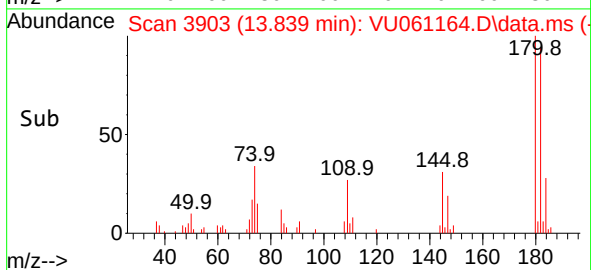
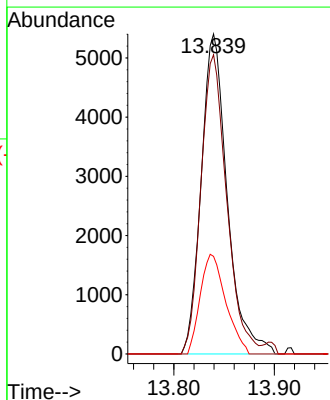
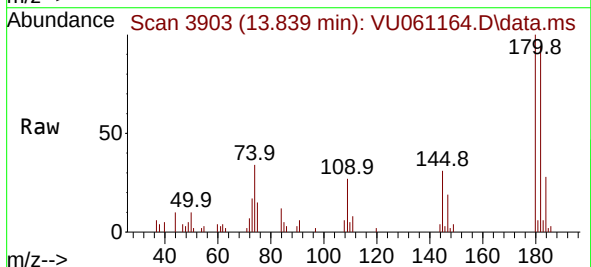
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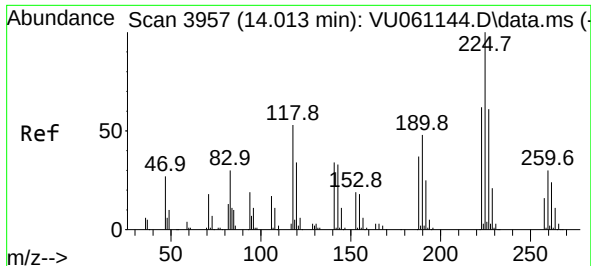
Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024



#87
1,2,4-Trichlorobenzene
Concen: 0.699 ug/l
RT: 13.839 min Scan# 3903
Delta R.T. 0.006 min
Lab File: VU061164.D
Acq: 18 Oct 2024 14:38

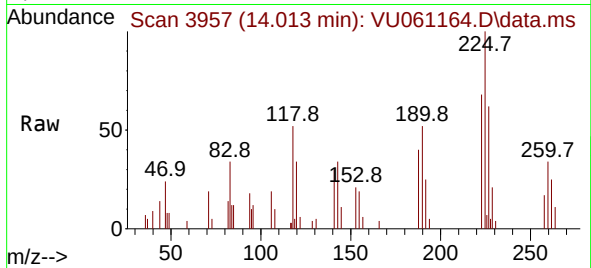
Tgt Ion:180 Resp: 9735
Ion Ratio Lower Upper
180 100
182 92.2 77.0 115.6
145 30.4 25.7 38.5





#88
Hexachlorobutadiene
Concen: 0.743 ug/l
RT: 14.013 min Scan# 3957
Delta R.T. -0.000 min
Lab File: VU061164.D
Acq: 18 Oct 2024 14:38

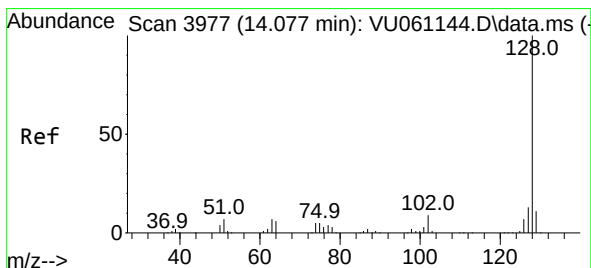
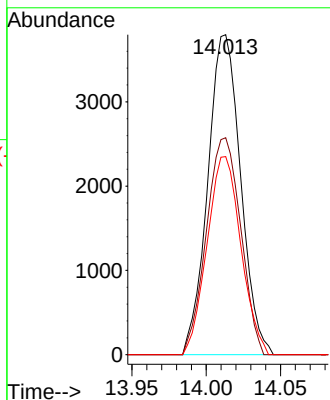
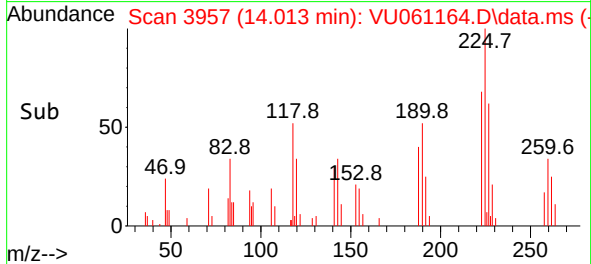
Instrument : MSVOA_U
ClientSampleId : LOD-MDL-WATER-01-QT4-2024



Tgt Ion:225 Resp: 5849
Ion Ratio Lower Upper
225 100
223 70.5 51.4 77.2
227 63.6 50.3 75.5

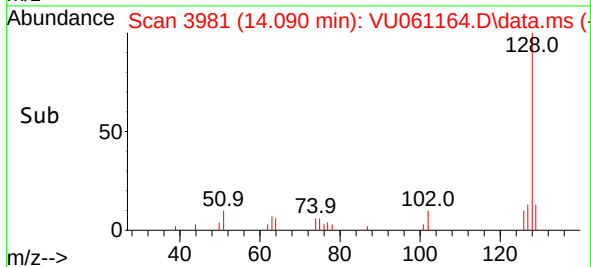
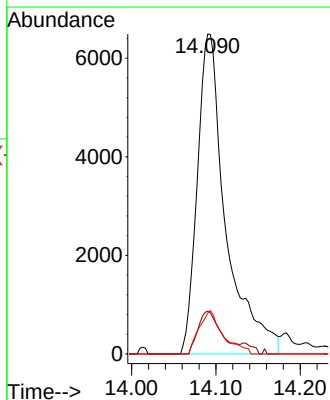
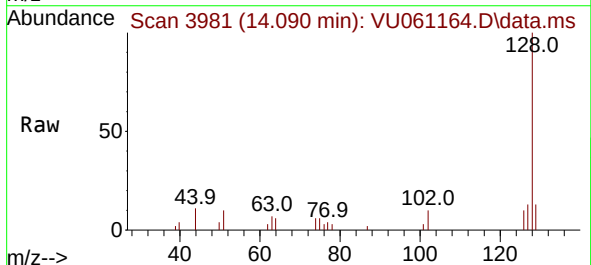
Manual Integrations
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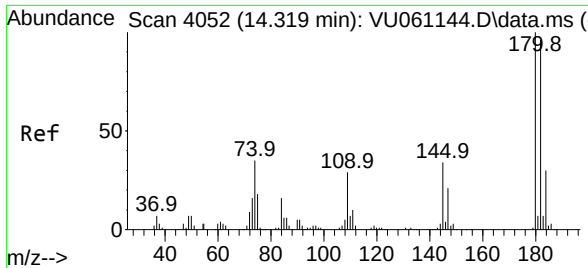
Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024



#89
Naphthalene
Concen: 0.622 ug/l
RT: 14.090 min Scan# 3981
Delta R.T. 0.013 min
Lab File: VU061164.D
Acq: 18 Oct 2024 14:38

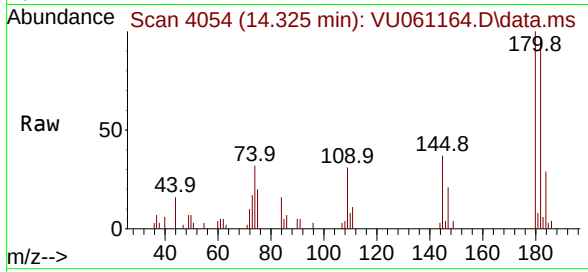
Tgt Ion:128 Resp: 15289
Ion Ratio Lower Upper
128 100
127 11.0 10.6 16.0
129 11.3 8.7 13.1





#90
 1,2,3-Trichlorobenzene
 Concen: 0.684 ug/l
 RT: 14.325 min Scan# 4054
 Delta R.T. 0.006 min
 Lab File: VU061164.D
 Acq: 18 Oct 2024 14:38

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



Tgt Ion:180	Resp:	855
Ion Ratio	Lower	Upper
180	100	
182	101.1	76.2 114.4
145	36.6	26.8 40.2

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

