

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020124\
 Data File : VU057774.D
 Acq On : 01 Feb 2024 12:56
 Operator : MD/SY
 Sample : P1187-07
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

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

Quant Time: Feb 02 01:22:23 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U013124DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Fri Feb 02 01:21:28 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

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

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

Internal Standards						
1) Fluorobenzene	6.110	96	45245	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.630	95	14620	0.853	ug/l	0.00
Spiked Amount 1.000			Recovery	=	85.000%	
68) 1,2-Dichlorobenzene-d4	12.190	152	13550	0.878	ug/l	0.00
Spiked Amount 1.000			Recovery	=	88.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.383	85	11042	0.733	ug/l	100
3) Chloromethane	1.518	50	10692	0.740	ug/l	98
4) Vinyl Chloride	1.602	62	11658	0.791	ug/l	98
5) Bromomethane	1.856	94	7589	0.868	ug/l	98
6) Chloroethane	1.933	64	6557	0.704	ug/l	90
7) Trichlorofluoromethane	2.136	101	16651	0.738	ug/l	100
8) 1,1,2-Trichloro-1,2,2-...	2.576	101	8365	0.721	ug/l	95
9) 1,1-Dichloroethene	2.576	96	8320	0.740	ug/l	93
10) Iodomethane	2.717	142	9799	0.735	ug/l	96
11) Allyl Chloride	2.920	41	11214	0.735	ug/l	# 77
12) Acrylonitrile	3.345	53	2668	1.390	ug/l	# 92
13) Acetone	2.656	43	10859	3.127	ug/l	99
14) Carbon Disulfide	2.788	76	26875	0.747	ug/l	98
15) Methylene Chloride	3.039	84	10842	0.807	ug/l	95
16) trans-1,2-Dichloroethene	3.351	96	9658	0.787	ug/l	99
17) 1,1-Dichloroethane	3.862	63	17347	0.748	ug/l	98
18) 2-Butanone	4.734	43	13762	3.676	ug/l	99
19) Cyclohexane	5.383	56	14094	0.776	ug/l	93
20) Methylcyclohexane	6.756	83	16257	0.741	ug/l	96
21) 2,2-Dichloropropane	4.656	77	15690	0.762	ug/l	96
22) cis-1,2-Dichloroethene	4.660	96	10317	0.767	ug/l	99
23) Diethyl Ether	2.373	59	6478	0.798	ug/l	97
24) tert-Butyl Alcohol	3.354	59	7200m	7.805	ug/l	
25) Methyl tert-Butyl Ether	3.357	73	20225	0.767	ug/l	# 87
26) Bromochloromethane	4.971	128	3697	0.684	ug/l	89
27) Chloroform	5.084	83	18325	0.761	ug/l	97
28) 1,1,1-Trichloroethane	5.312	97	16629	0.764	ug/l	98
29) 1,1-Dichloropropene	5.524	75	13134	0.746	ug/l	97
30) Carbon Tetrachloride	5.518	117	13997	0.747	ug/l	93
31) Isopropyl Ether	3.988	45	25896	0.764	ug/l	96
32) Ethyl-t-butyl ether	4.492	59	24008	0.762	ug/l	99
33) Tert-Amyl methyl ether	5.936	73	19145	0.722	ug/l	96
34) Propionitrile	4.836	54	2969m	3.827	ug/l	
35) Benzene	5.772	78	38076	0.751	ug/l	98
36) 1,2-Dichloroethane	5.791	62	11048	0.748	ug/l	# 93
37) Trichloroethene	6.540	130	9996	0.743	ug/l	94
38) 1,2-Dichloropropane	6.788	63	9624	0.732	ug/l	99
39) Methacrylonitrile	4.997	41	1835	0.593	ug/l	# 66
40) Methyl acrylate	4.875	55	3367m	0.723	ug/l	
41) Tetrahydrofuran	5.081	42	2091	1.266	ug/l	# 81
42) 1-Chlorobutane	5.454	56	17550	0.756	ug/l	96
43) Dibromomethane	6.917	93	4626	0.765	ug/l	99
44) Bromodichloromethane	7.097	83	12625	0.746	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.791	43	22499	3.493	ug/l	99
46) t-1,4-Dichloro-2-butene	10.836	75	2326m	1.590	ug/l	
47) Methyl methacrylate	6.965	69	7703	1.443	ug/l	91
48) Ethyl methacrylate	8.335	69	7503	0.701	ug/l	93
49) Toluene	7.965	92	22451	0.725	ug/l	99
50) t-1,3-Dichloropropene	8.209	75	10473	0.717	ug/l	99
51) cis-1,3-Dichloropropene	7.608	75	13141	0.710	ug/l	93
52) 1,1,2-Trichloroethane	8.396	97	6465	0.776	ug/l	88
53) 1,3-Dichloropropane	8.573	76	10690	0.714	ug/l	94
54) 2-Hexanone	8.688	43	19762	3.333	ug/l	96
55) Dibromochloromethane	8.804	129	6912	0.671	ug/l	97
56) 1,2-Dibromoethane	8.923	107	5653	0.738	ug/l	99
58) Tetrachloroethene	8.550	164	9135	0.769	ug/l	93
59) Chlorobenzene	9.444	112	24863	0.726	ug/l	97
60) 1,1,1,2-Tetrachloroethane	9.531	131	8679	0.747	ug/l	92
61) Pentachloroethane	11.425	117	5481	0.649	ug/l	93
62) Hexachloroethane	12.470	117	5663	0.615	ug/l	100
63) Ethyl Benzene	9.566	91	42384	0.696	ug/l	99
64) m/p-Xylenes	9.691	106	30960	1.400	ug/l	97
65) o-Xylene	10.097	106	15182	0.694	ug/l	95
66) Styrene	10.113	104	20707	0.634	ug/l	92
67) Bromoform	10.286	173	3589	0.676	ug/l	100
69) Isopropylbenzene	10.479	105	38749	0.675	ug/l	98
70) 1,1,2,2-Tetrachloroethane	10.775	83	7322	0.702	ug/l	96
71) 1,2,3-Trichloropropane	10.817	75	6244m	0.725	ug/l	
72) Bromobenzene	10.781	156	8709	0.690	ug/l	97
73) n-propylbenzene	10.900	120	10085	0.700	ug/l	99
74) 2-Chlorotoluene	10.981	126	9111	0.681	ug/l	89
75) 1,3,5-Trimethylbenzene	11.084	105	34144	0.693	ug/l	100
76) 4-Chlorotoluene	11.093	126	9284	0.691	ug/l	91
77) tert-Butylbenzene	11.415	119	32052	0.693	ug/l	95
78) 1,2,4-Trimethylbenzene	11.463	105	33217	0.665	ug/l	98
79) sec-Butylbenzene	11.637	105	43487	0.736	ug/l	98
80) Nitrobenzene	13.228	77	482m	2.356	ug/l	
81) p-Isopropyltoluene	11.788	119	34216	0.687	ug/l	97
82) 1,3-Dichlorobenzene	11.743	146	17297	0.678	ug/l	94
83) 1,4-Dichlorobenzene	11.833	146	18011	0.723	ug/l	99
84) n-Butylbenzene	12.206	91	32542	0.683	ug/l	99
85) 1,2-Dichlorobenzene	12.209	146	16460	0.711	ug/l	97
86) 1,2-Dibromo-3-Chloropr...	12.997	75	846	0.592	ug/l	96
87) 1,2,4-Trichlorobenzene	13.839	180	9375	0.677	ug/l	99
88) Hexachlorobutadiene	14.013	225	6614	0.745	ug/l	93
89) Naphthalene	14.090	128	13579	0.636	ug/l #	94
90) 1,2,3-Trichlorobenzene	14.331	180	7497	0.651	ug/l	96

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



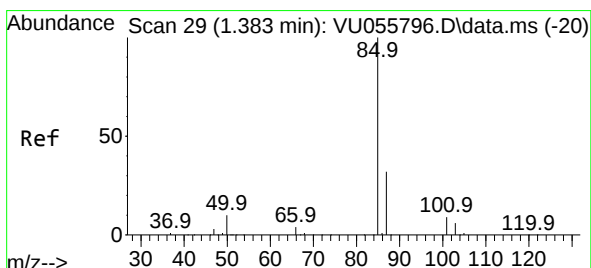
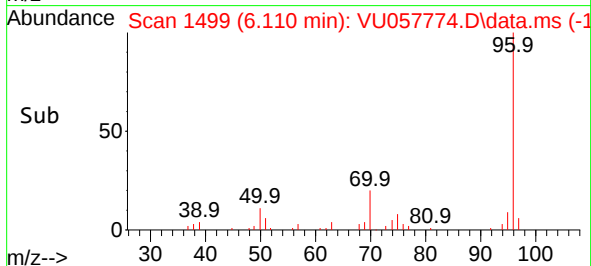
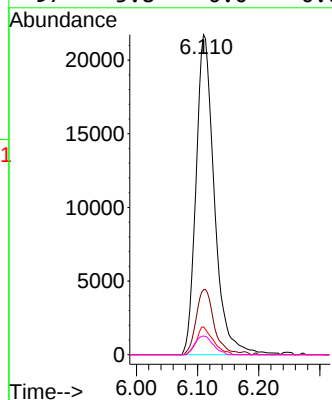
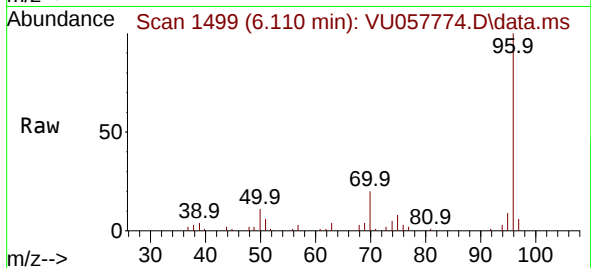
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Fluorobenzene
Concen: 1.000 ug/l
RT: 6.110 min Scan# 14
Delta R.T. -0.003 min
Lab File: VU057774.D
Acq: 01 Feb 2024 12:56

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

Tgt Ion: 96	Resp: 4524
Ion Ratio	Lower Upper
96 100	
70 19.1	16.5 24.7
95 7.9	7.4 11.0
97 5.8	0.0 0.0

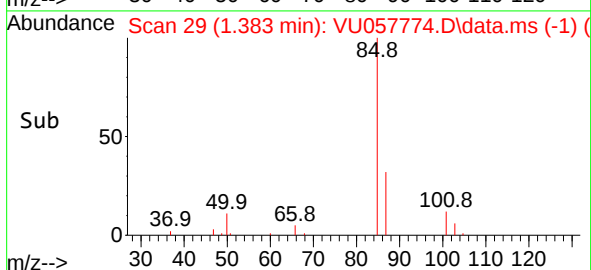
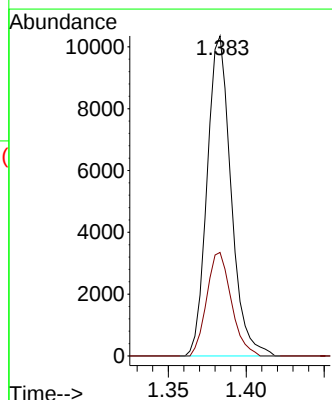
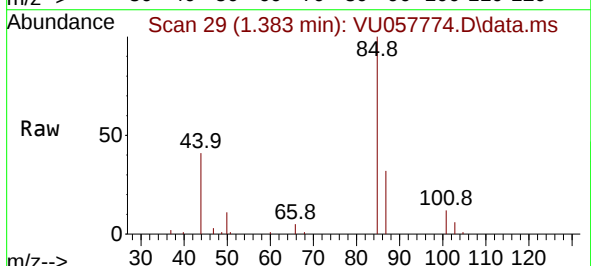
Manual Integrations
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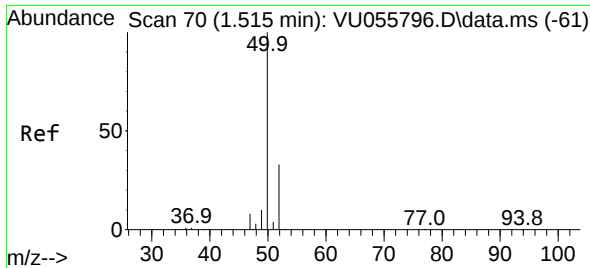
Reviewed By :Semsettin Yesilyurt 02/08/2024
Supervised By :Mahesh Dadoda 02/08/2024



#2
Dichlorodifluoromethane
Concen: 0.733 ug/l
RT: 1.383 min Scan# 29
Delta R.T. 0.000 min
Lab File: VU057774.D
Acq: 01 Feb 2024 12:56

Tgt Ion: 85	Resp: 11042
Ion Ratio	Lower Upper
85 100	
87 32.4	16.2 48.6





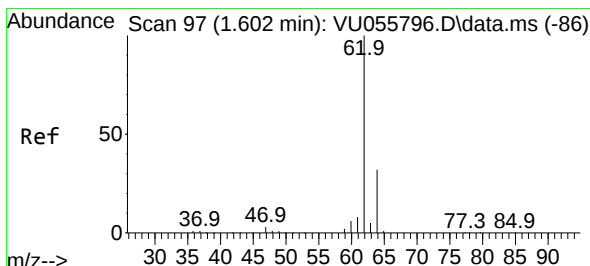
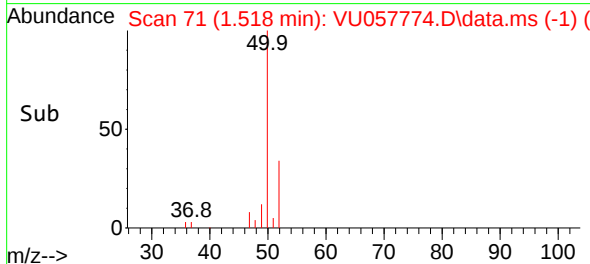
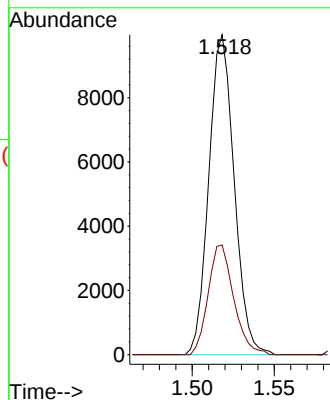
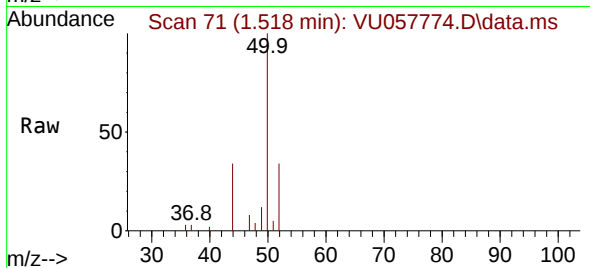
#3
Chloromethane
Concen: 0.740 ug/l
RT: 1.518 min Scan# 71
Delta R.T. 0.003 min
Lab File: VU057774.D
Acq: 01 Feb 2024 12:56

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

Tgt Ion: 50 Resp: 10692
Ion Ratio Lower Upper
50 100
52 34.3 26.6 40.0

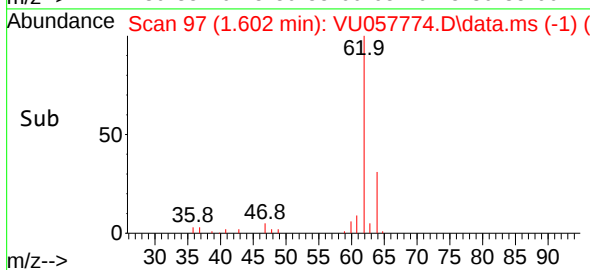
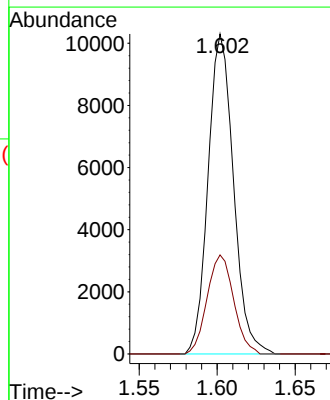
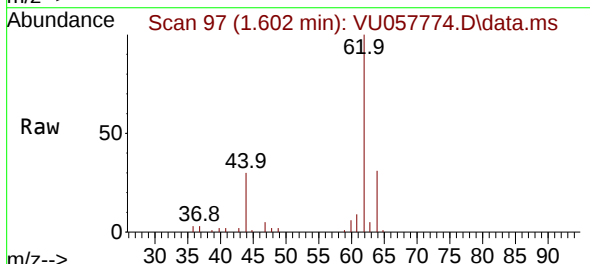
Manual Integrations
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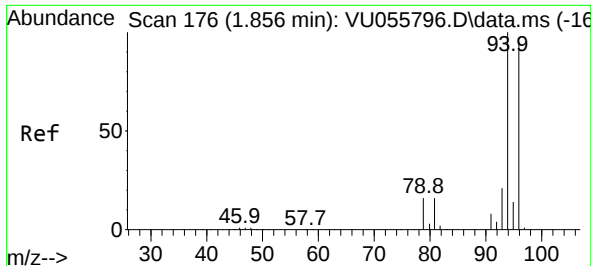
Reviewed By :Semsettin Yesilyurt 02/08/2024
Supervised By :Mahesh Dadoda 02/08/2024



#4
Vinyl Chloride
Concen: 0.791 ug/l
RT: 1.602 min Scan# 97
Delta R.T. -0.000 min
Lab File: VU057774.D
Acq: 01 Feb 2024 12:56

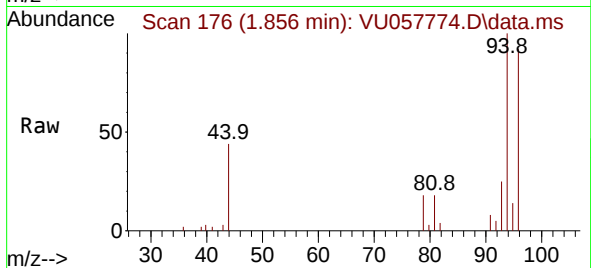
Tgt Ion: 62 Resp: 11658
Ion Ratio Lower Upper
62 100
64 30.9 25.4 38.2





#5
Bromomethane
Concen: 0.868 ug/l
RT: 1.856 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU057774.D
Acq: 01 Feb 2024 12:56

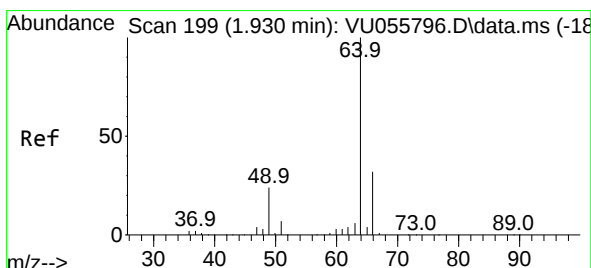
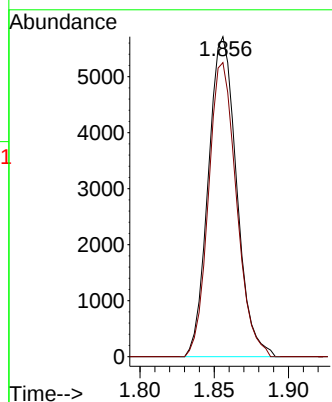
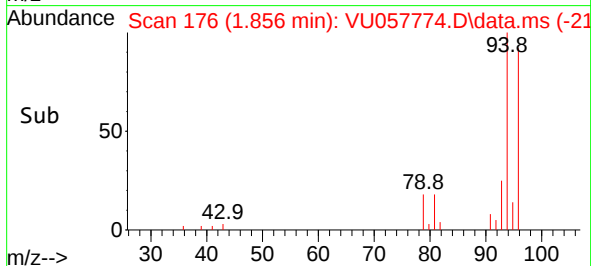
Instrument :
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ClientSampleId :
LOD-MDL-WATER-01-QT1-2024



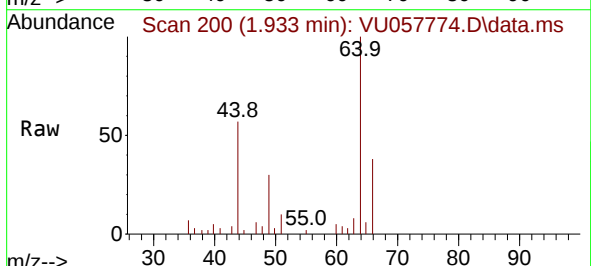
Tgt Ion: 94 Resp: 7589
Ion Ratio Lower Upper
94 100
96 91.9 75.4 113.2

Manual Integrations
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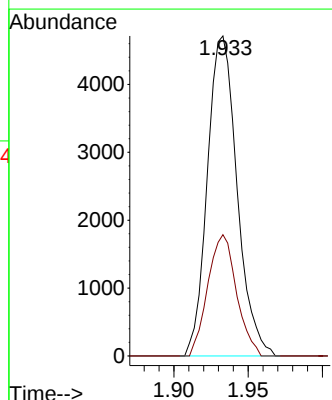
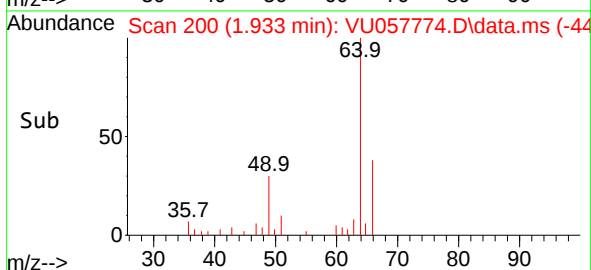
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Supervised By :Mahesh Dadoda 02/08/2024

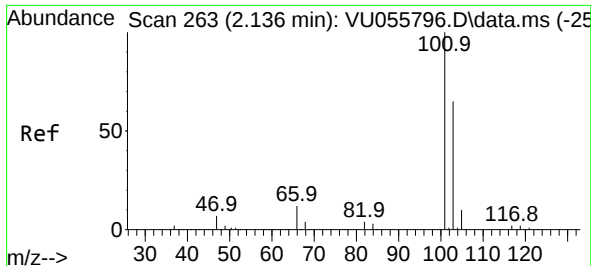


#6
Chloroethane
Concen: 0.704 ug/l
RT: 1.933 min Scan# 200
Delta R.T. 0.003 min
Lab File: VU057774.D
Acq: 01 Feb 2024 12:56



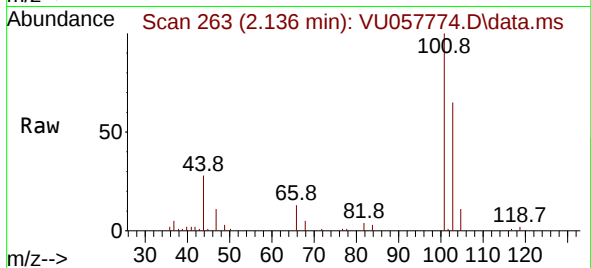
Tgt Ion: 64 Resp: 6557
Ion Ratio Lower Upper
64 100
66 37.9 26.0 39.0





#7
Trichlorofluoromethane
Concen: 0.738 ug/l
RT: 2.136 min Scan# 20
Delta R.T. -0.000 min
Lab File: VU057774.D
Acq: 01 Feb 2024 12:56

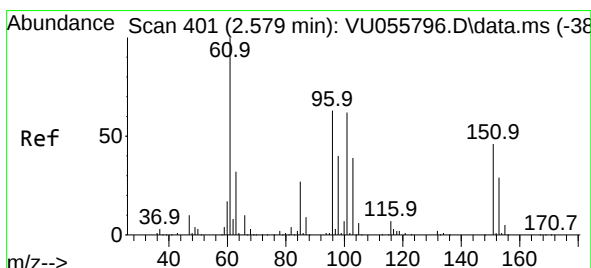
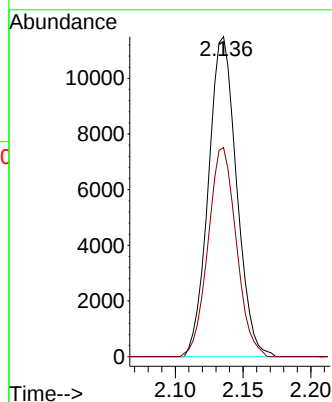
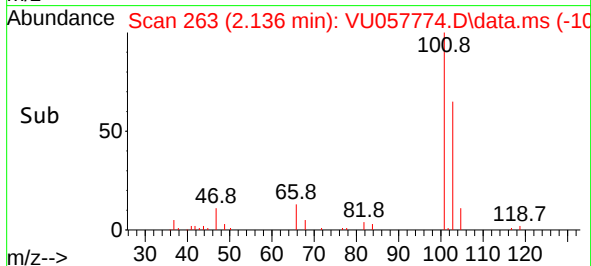
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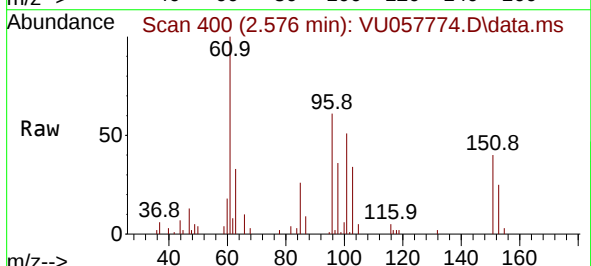
Tgt Ion:101 Resp: 1665
Ion Ratio Lower Upper
101 100
103 64.4 51.4 77.0

Manual Integrations
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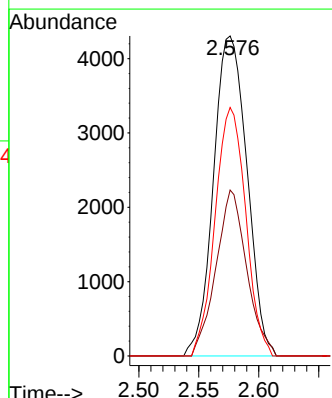
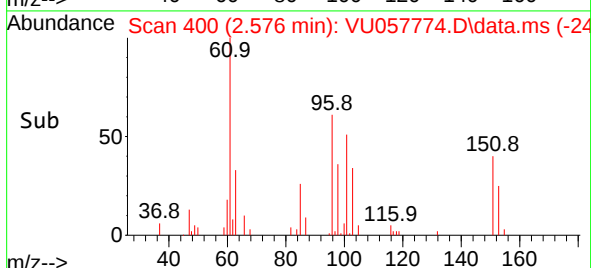
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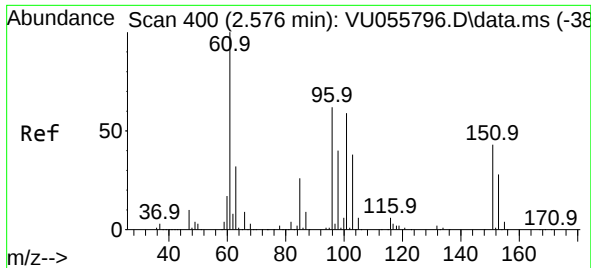


#8
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.721 ug/l
RT: 2.576 min Scan# 400
Delta R.T. -0.003 min
Lab File: VU057774.D
Acq: 01 Feb 2024 12:56



Tgt Ion:101 Resp: 8365
Ion Ratio Lower Upper
101 100
85 47.5 35.4 53.0
151 70.9 54.0 81.0





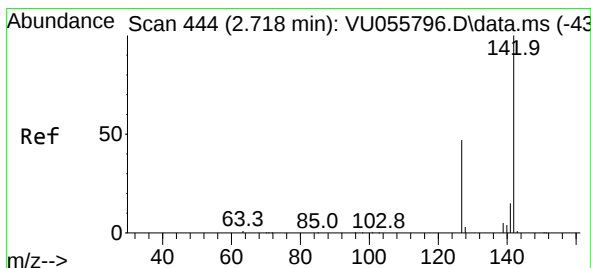
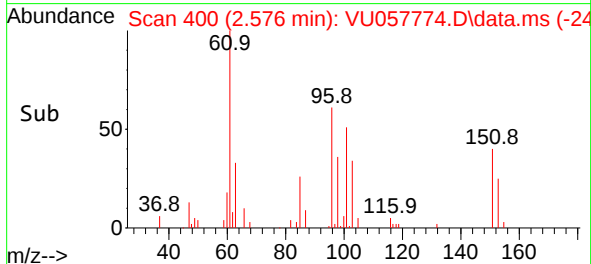
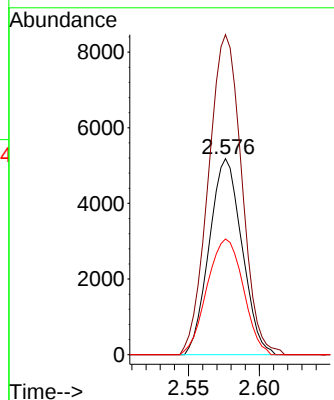
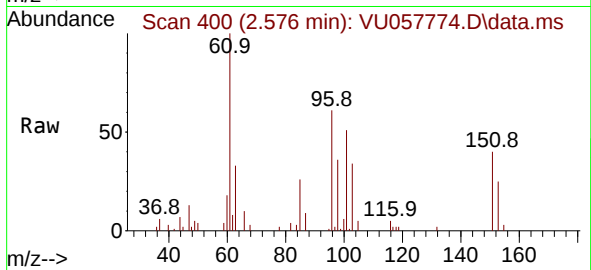
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1,1-Dichloroethene
Concen: 0.740 ug/l
RT: 2.576 min Scan# 400
Delta R.T. 0.000 min
Lab File: VU057774.D
Acq: 01 Feb 2024 12:56

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

Tgt Ion: 96 Resp: 8320
Ion Ratio Lower Upper
96 100
61 163.2 0.0 521.4
98 59.0 0.0 125.8

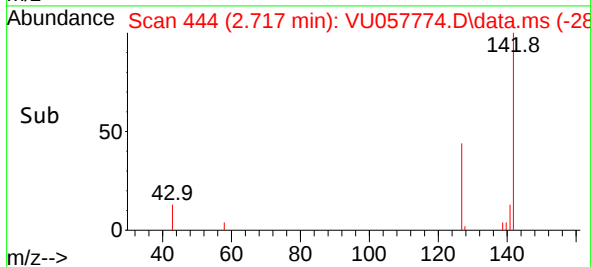
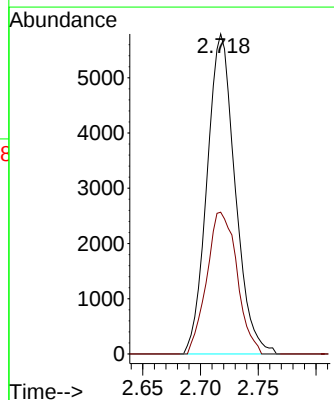
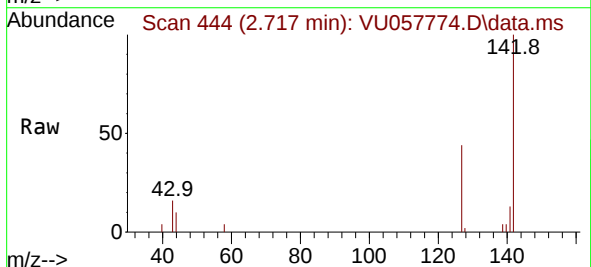
Manual Integrations
APPROVED

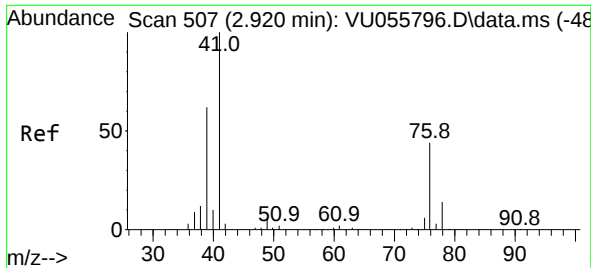
Reviewed By :Semsettin Yesilyurt 02/08/2024
Supervised By :Mahesh Dadoda 02/08/2024



#10
Iodomethane
Concen: 0.735 ug/l
RT: 2.717 min Scan# 444
Delta R.T. -0.001 min
Lab File: VU057774.D
Acq: 01 Feb 2024 12:56

Tgt Ion:142 Resp: 9799
Ion Ratio Lower Upper
142 100
127 47.6 35.9 53.9





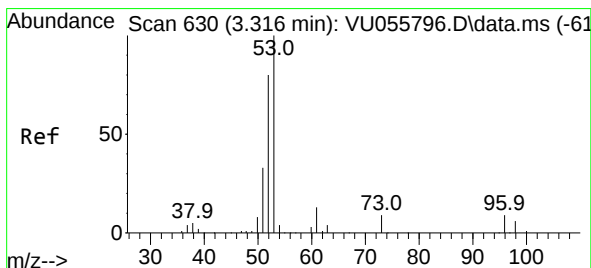
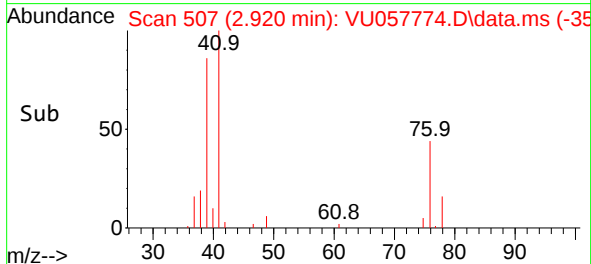
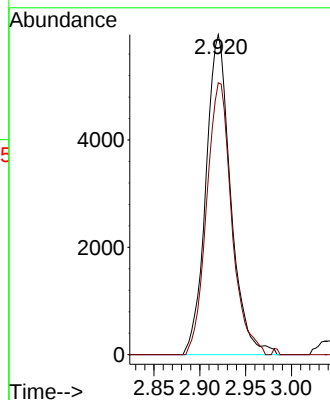
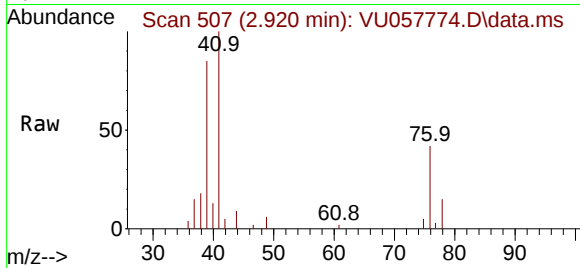
#11
 Allyl Chloride
 Concen: 0.735 ug/l
 RT: 2.920 min Scan# 507
 Delta R.T. 0.000 min
 Lab File: VU057774.D
 Acq: 01 Feb 2024 12:56

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

Tgt Ion: 41 Resp: 11214
 Ion Ratio Lower Upper
 41 100
 39 85.9 54.2 81.2

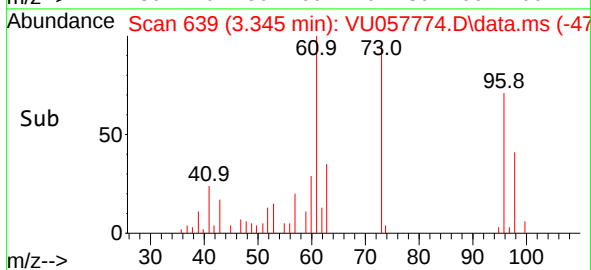
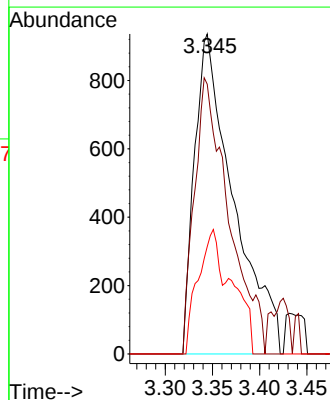
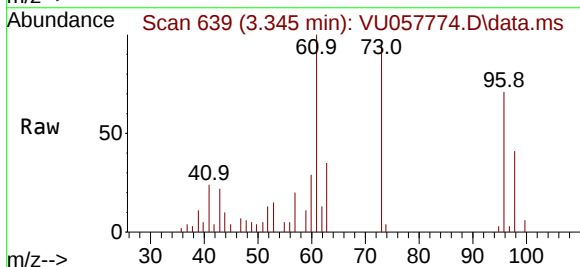
Manual Integrations
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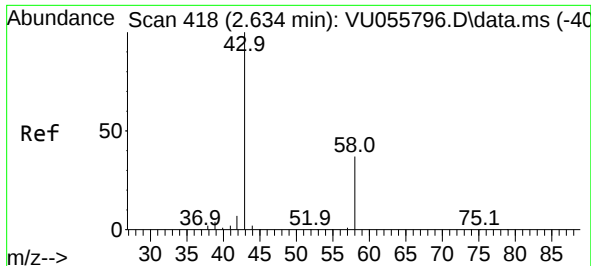
Reviewed By :Semsettin Yesilyurt 02/08/2024
 Supervised By :Mahesh Dadoda 02/08/2024



#12
 Acrylonitrile
 Concen: 1.390 ug/l
 RT: 3.345 min Scan# 639
 Delta R.T. 0.029 min
 Lab File: VU057774.D
 Acq: 01 Feb 2024 12:56

Tgt Ion: 53 Resp: 2668
 Ion Ratio Lower Upper
 53 100
 52 76.7 62.9 94.3
 51 23.3 27.8 41.6





#13

Acetone

Concen: 3.127 ug/l

RT: 2.656 min Scan# 418

Delta R.T. 0.022 min

Lab File: VU057774.D

Acq: 01 Feb 2024 12:56

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT1-2024

Tgt Ion: 43 Resp: 1085

Ion Ratio Lower Upper

43 100

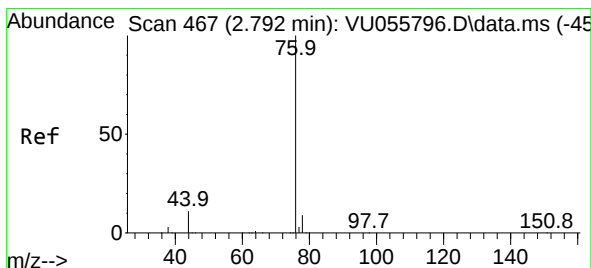
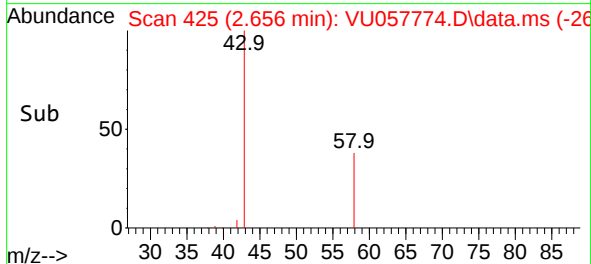
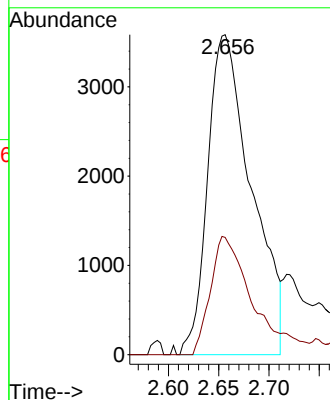
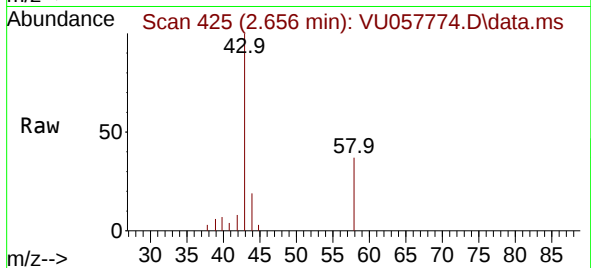
58 36.6 29.0 43.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/08/2024

Supervised By :Mahesh Dadoda 02/08/2024



#14

Carbon Disulfide

Concen: 0.747 ug/l

RT: 2.788 min Scan# 466

Delta R.T. -0.004 min

Lab File: VU057774.D

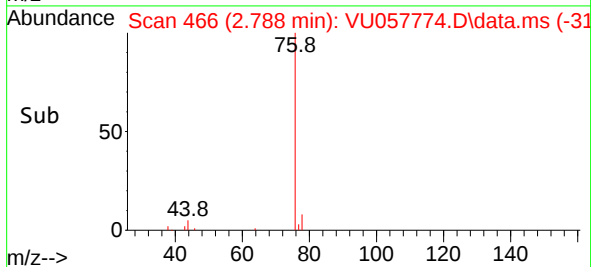
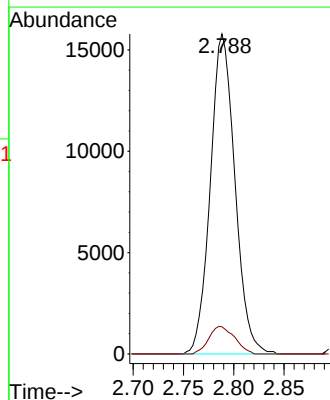
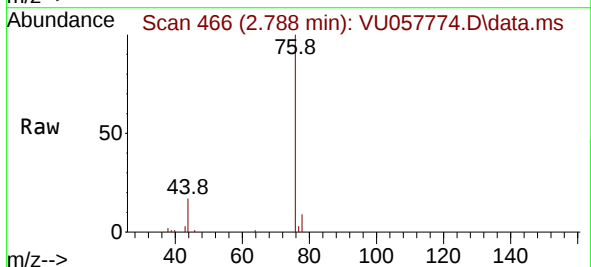
Acq: 01 Feb 2024 12:56

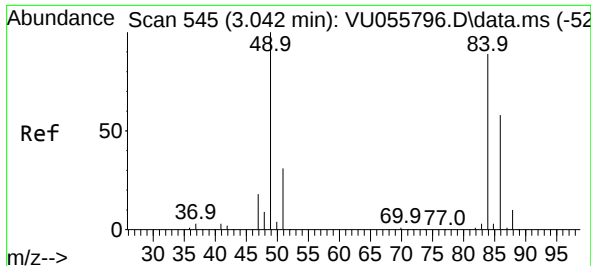
Tgt Ion: 76 Resp: 26875

Ion Ratio Lower Upper

76 100

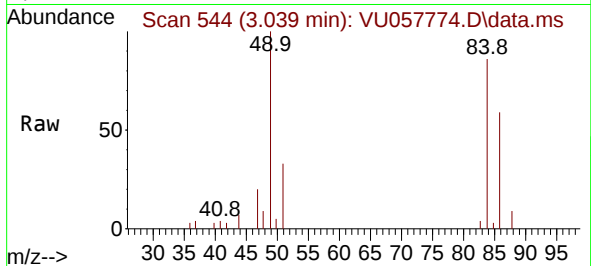
78 8.5 7.4 11.0





#15
Methylene Chloride
Concen: 0.807 ug/l
RT: 3.039 min Scan# 544
Delta R.T. -0.003 min
Lab File: VU057774.D
Acq: 01 Feb 2024 12:56

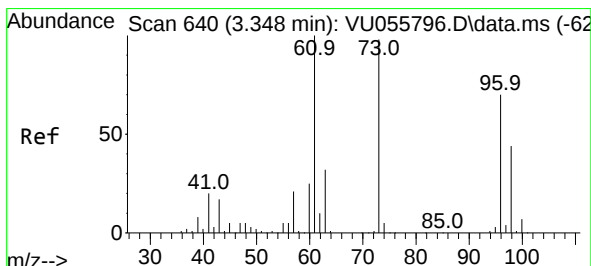
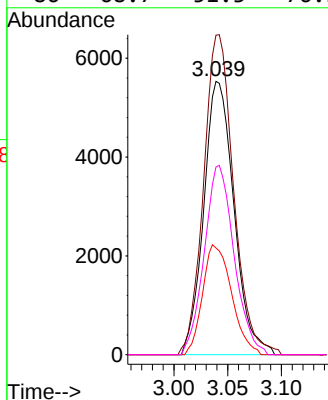
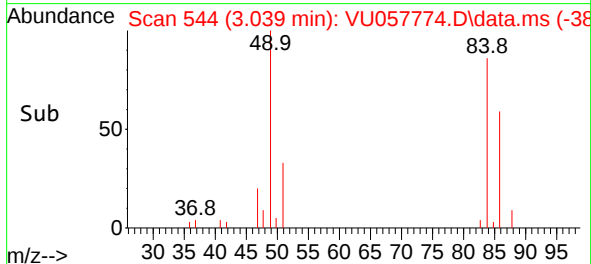
Instrument : MSVOA_U
ClientSampleId : LOD-MDL-WATER-01-QT1-2024



Tgt Ion:	84	Resp:	1084
Ion	Ratio	Lower	Upper
84	100		
49	116.9	98.9	148.3
51	39.1	0.0	75.4
86	68.7	51.3	76.9

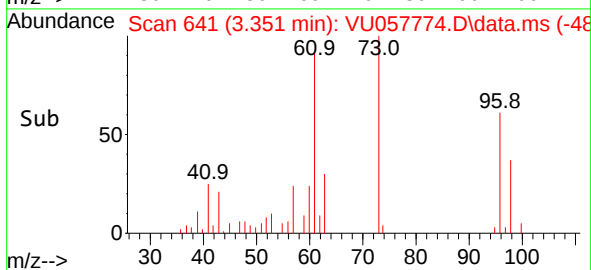
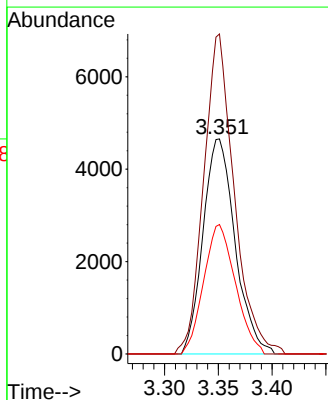
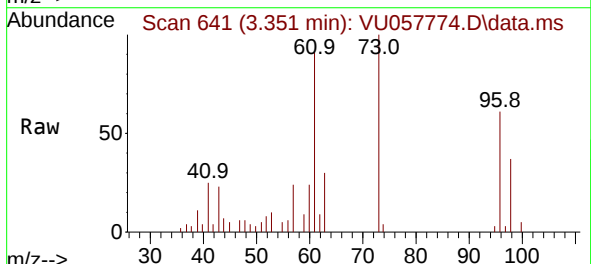
Manual Integrations
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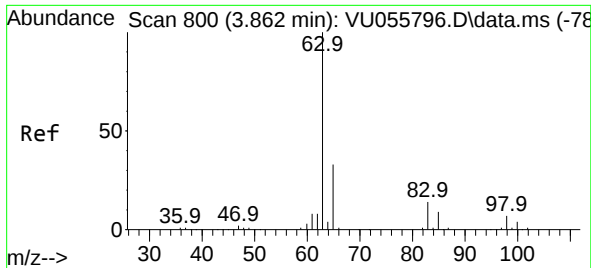
Reviewed By :Semsettin Yesilyurt 02/08/2024
Supervised By :Mahesh Dadoda 02/08/2024



#16
trans-1,2-Dichloroethene
Concen: 0.787 ug/l
RT: 3.351 min Scan# 641
Delta R.T. 0.003 min
Lab File: VU057774.D
Acq: 01 Feb 2024 12:56

Tgt Ion:	96	Resp:	9658
Ion	Ratio	Lower	Upper
96	100		
61	146.1	117.5	176.3
98	60.2	48.3	72.5





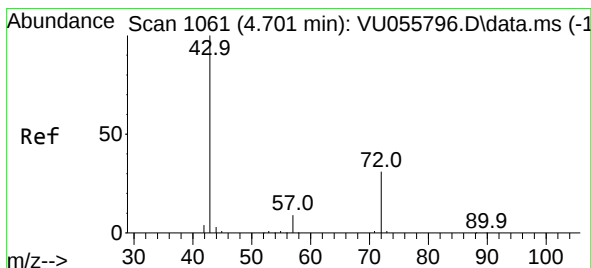
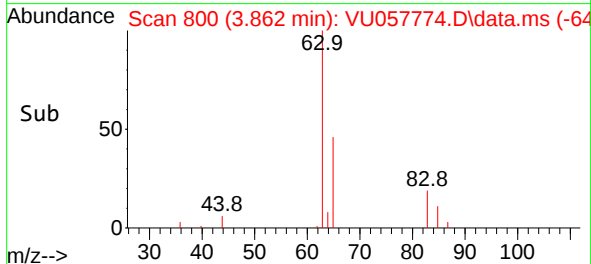
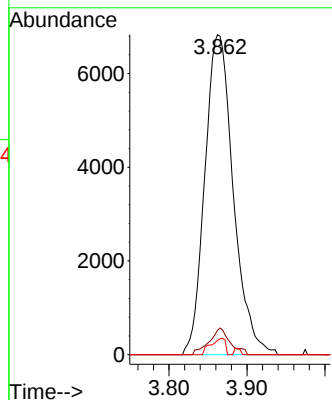
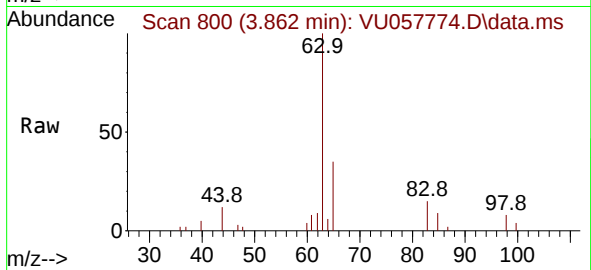
#17
1,1-Dichloroethane
Concen: 0.748 ug/l
RT: 3.862 min Scan# 800
Delta R.T. 0.000 min
Lab File: VU057774.D
Acq: 01 Feb 2024 12:56

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

Tgt Ion: 63 Resp: 1734
Ion Ratio Lower Upper
63 100
98 7.6 3.4 10.1
100 4.5 2.2 6.6

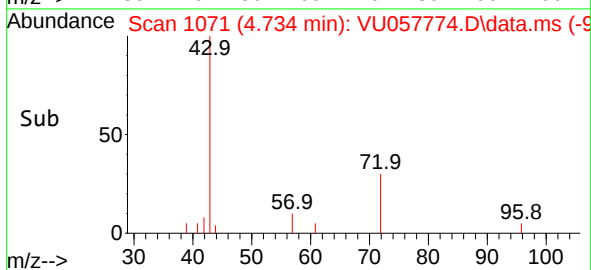
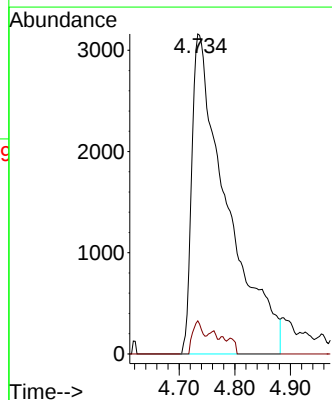
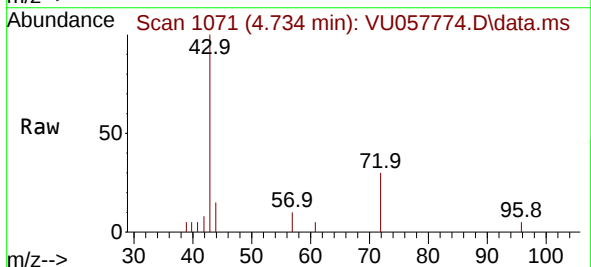
Manual Integrations
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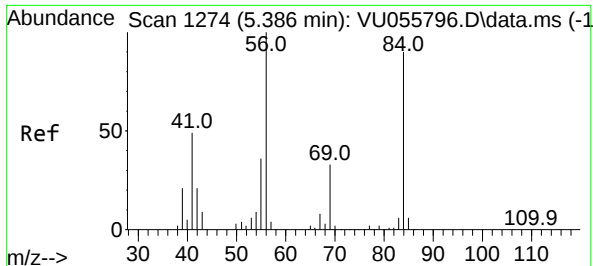
Reviewed By :Semsettin Yesilyurt 02/08/2024
Supervised By :Mahesh Dadoda 02/08/2024



#18
2-Butanone
Concen: 3.676 ug/l
RT: 4.734 min Scan# 1071
Delta R.T. 0.033 min
Lab File: VU057774.D
Acq: 01 Feb 2024 12:56

Tgt Ion: 43 Resp: 13762
Ion Ratio Lower Upper
43 100
57 10.3 0.0 19.6





#19

Cyclohexane

Concen: 0.776 ug/l

RT: 5.383 min Scan# 11

Delta R.T. -0.003 min

Lab File: VU057774.D

Acq: 01 Feb 2024 12:56

Instrument :

MSVOA_U

ClientSampleId :

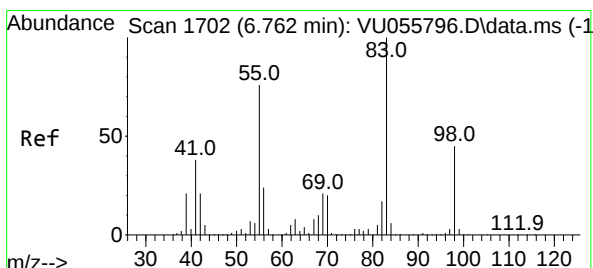
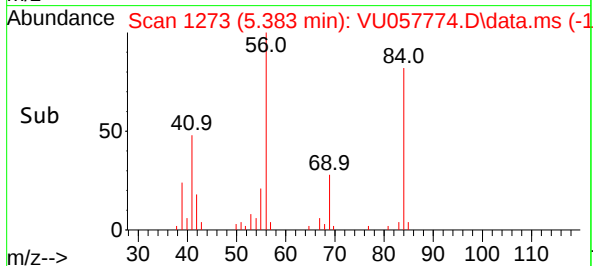
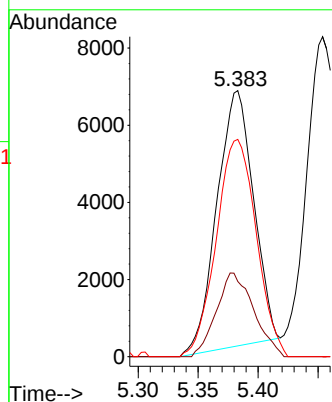
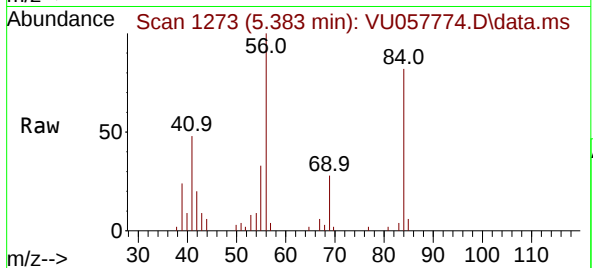
LOD-MDL-WATER-01-QT1-2024

Tgt Ion: 56	Resp: 14094
Ion Ratio	Lower Upper
56 100	
69 33.3	24.6 37.0
84 92.8	68.4 102.6

Manual Integrations

APPROVED

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



#20

Methylcyclohexane

Concen: 0.741 ug/l

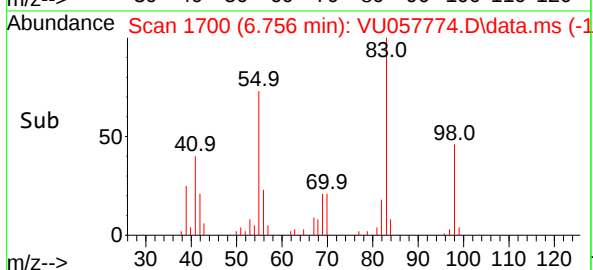
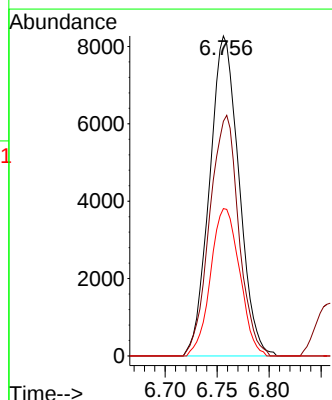
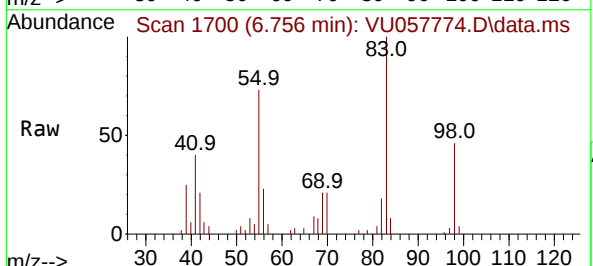
RT: 6.756 min Scan# 1700

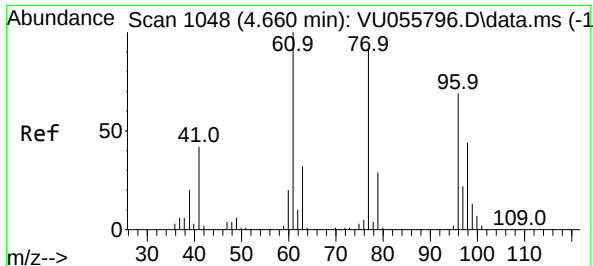
Delta R.T. -0.006 min

Lab File: VU057774.D

Acq: 01 Feb 2024 12:56

Tgt Ion: 83	Resp: 16257
Ion Ratio	Lower Upper
83 100	
55 74.7	63.5 95.3
98 45.6	36.0 54.0





#21

2,2-Dichloropropane

Concen: 0.762 ug/l

RT: 4.656 min Scan# 1047

Delta R.T. -0.004 min

Lab File: VU057774.D

Acq: 01 Feb 2024 12:56

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT1-2024

Tgt Ion: 77 Resp: 15690

Ion Ratio Lower Upper

77 100

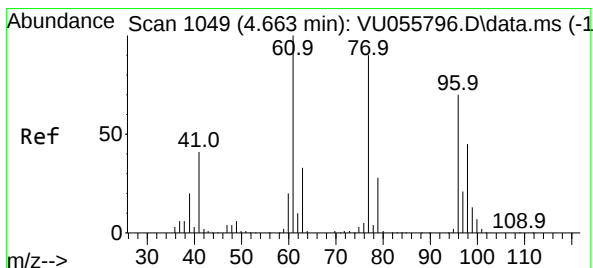
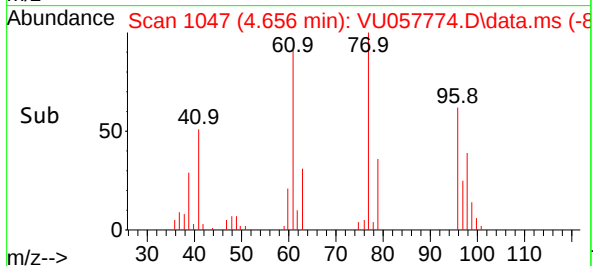
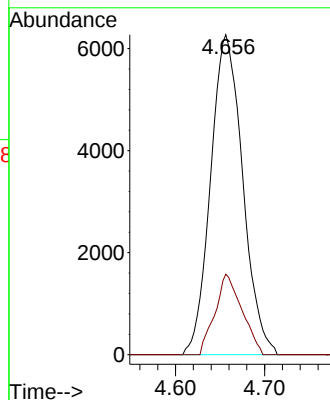
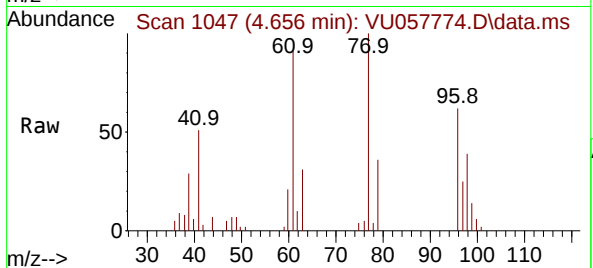
97 21.0 18.4 27.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/08/2024

Supervised By :Mahesh Dadoda 02/08/2024



#22

cis-1,2-Dichloroethene

Concen: 0.767 ug/l

RT: 4.660 min Scan# 1048

Delta R.T. -0.003 min

Lab File: VU057774.D

Acq: 01 Feb 2024 12:56

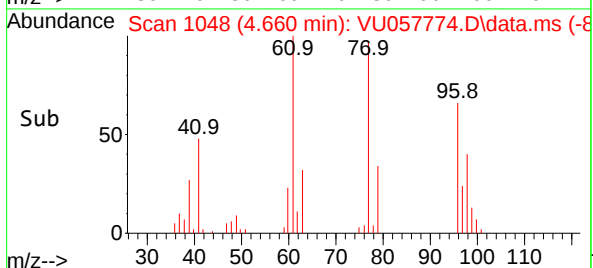
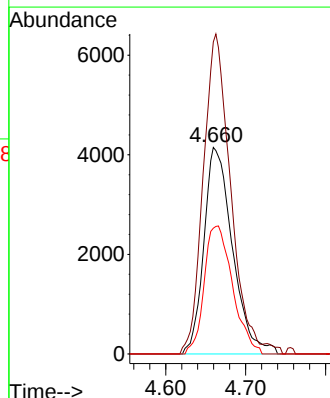
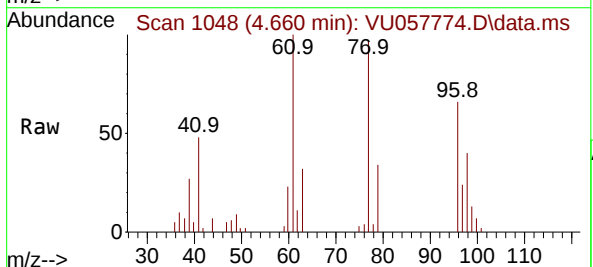
Tgt Ion: 96 Resp: 10317

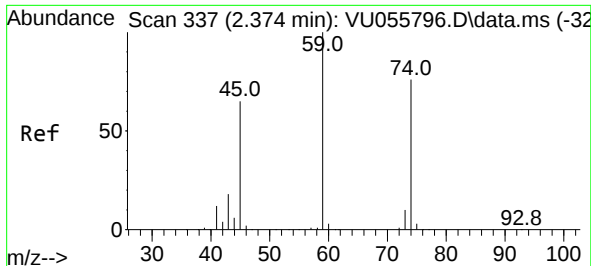
Ion Ratio Lower Upper

96 100

61 146.8 0.0 365.8

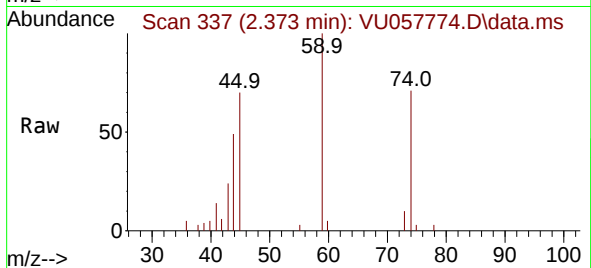
98 61.4 32.0 96.0





#23
Diethyl Ether
Concen: 0.798 ug/l
RT: 2.373 min Scan# 31
Delta R.T. -0.001 min
Lab File: VU057774.D
Acq: 01 Feb 2024 12:56

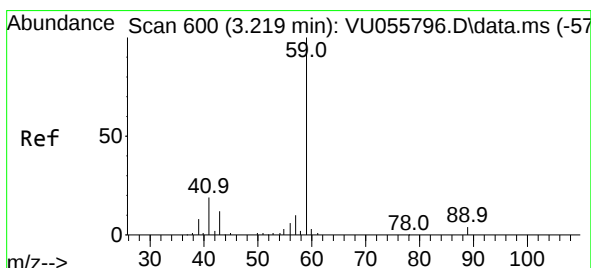
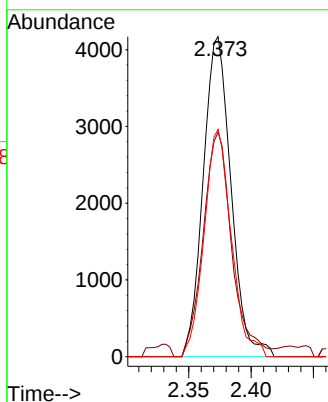
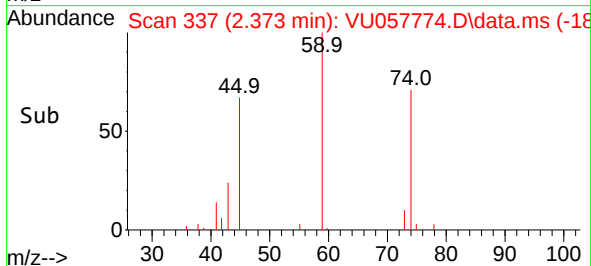
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024



Tgt Ion: 59 Resp: 6478
Ion Ratio Lower Upper
59 100
45 72.1 56.1 84.1
74 69.5 57.4 86.2

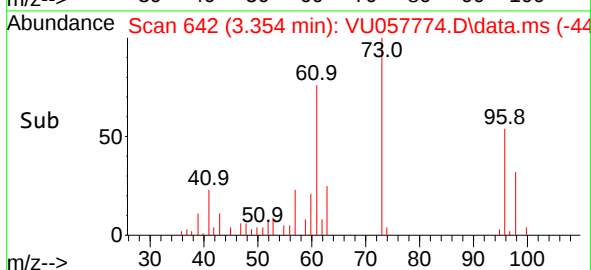
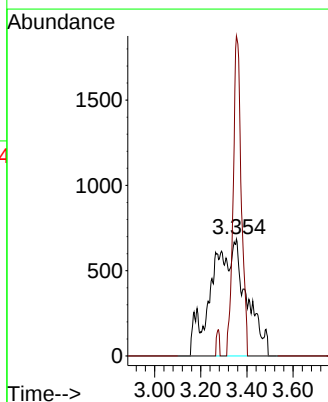
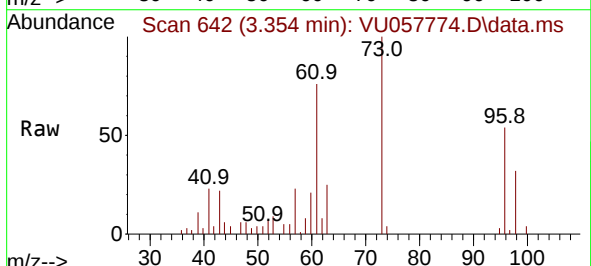
Manual Integrations
APPROVED

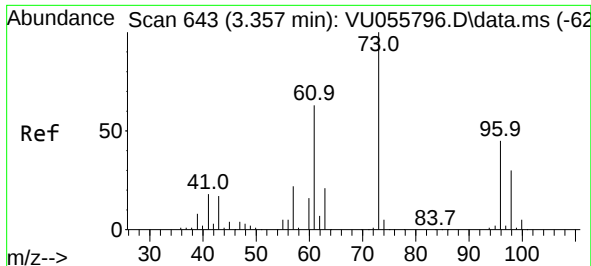
Reviewed By :Semsettin Yesilyurt 02/08/2024
Supervised By :Mahesh Dadoda 02/08/2024



#24
tert-Butyl Alcohol
Concen: 7.805 ug/l m
RT: 3.354 min Scan# 642
Delta R.T. 0.135 min
Lab File: VU057774.D
Acq: 01 Feb 2024 12:56

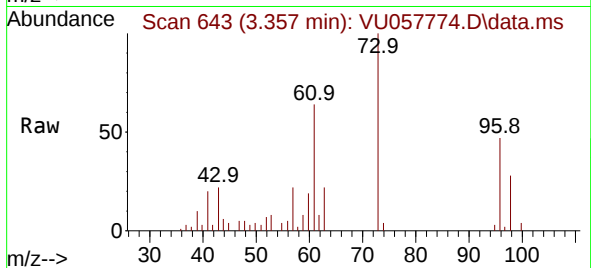
Tgt Ion: 59 Resp: 7200
Ion Ratio Lower Upper
59 100
57 0.0 105.6 158.4#





#25
Methyl tert-Butyl Ether
Concen: 0.767 ug/l
RT: 3.357 min Scan# 643
Delta R.T. 0.000 min
Lab File: VU057774.D
Acq: 01 Feb 2024 12:56

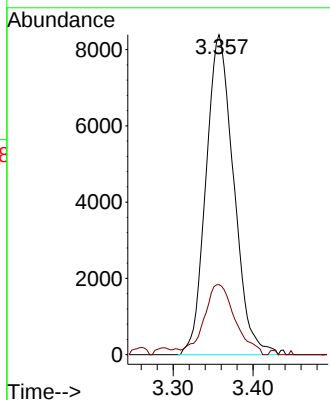
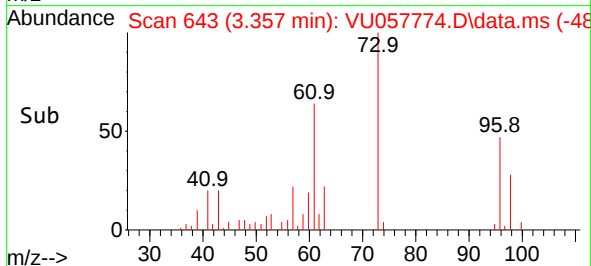
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024



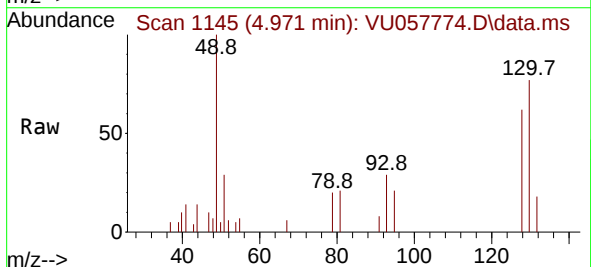
Tgt Ion: 73 Resp: 2022
Ion Ratio Lower Upper
73 100
43 24.5 15.0 22.6

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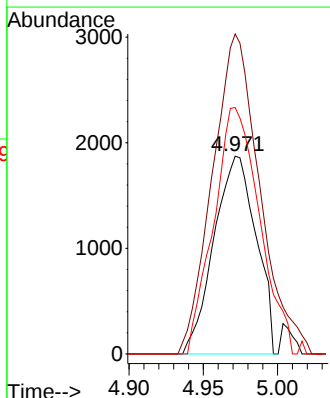
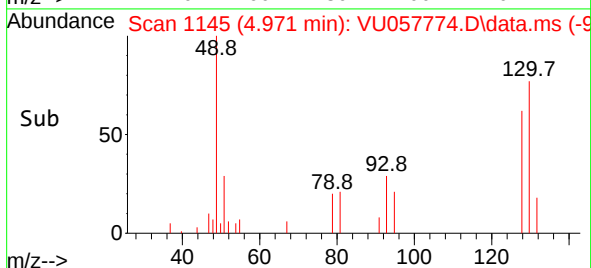
Reviewed By :Semsettin Yesilyurt 02/08/2024
Supervised By :Mahesh Dadoda 02/08/2024

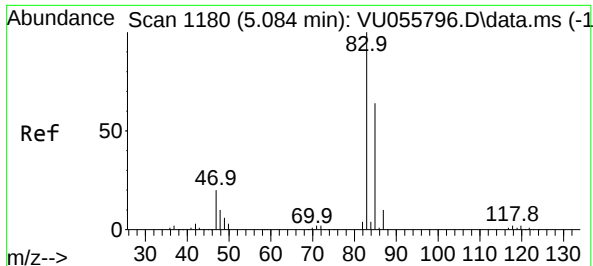


#26
Bromochloromethane
Concen: 0.684 ug/l
RT: 4.971 min Scan# 1145
Delta R.T. 0.003 min
Lab File: VU057774.D
Acq: 01 Feb 2024 12:56



Tgt Ion:128 Resp: 3697
Ion Ratio Lower Upper
128 100
49 181.4 0.0 324.6
130 135.5 103.0 154.4





#27

Chloroform

Concen: 0.761 ug/l

RT: 5.084 min Scan# 1180

Delta R.T. -0.000 min

Lab File: VU057774.D

Acq: 01 Feb 2024 12:56

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT1-2024

Tgt Ion: 83 Resp: 1832

Ion Ratio Lower Upper

83 100

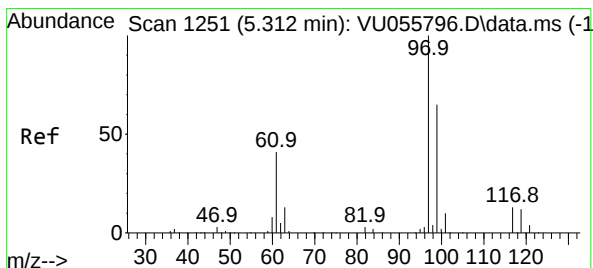
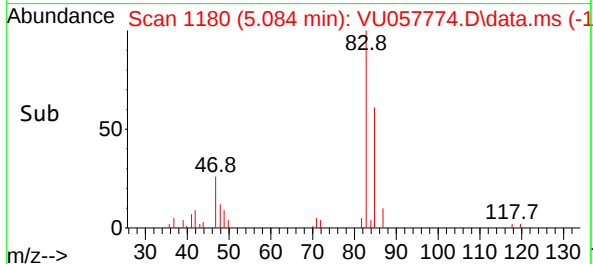
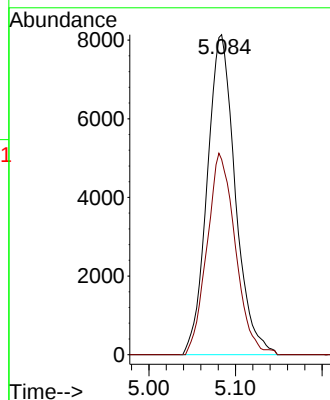
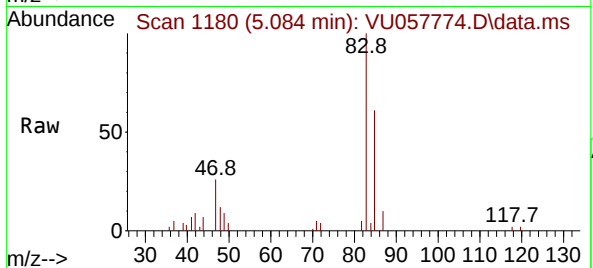
85 61.0 0.0 126.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/08/2024

Supervised By :Mahesh Dadoda 02/08/2024



#28

1,1,1-Trichloroethane

Concen: 0.764 ug/l

RT: 5.312 min Scan# 1251

Delta R.T. 0.000 min

Lab File: VU057774.D

Acq: 01 Feb 2024 12:56

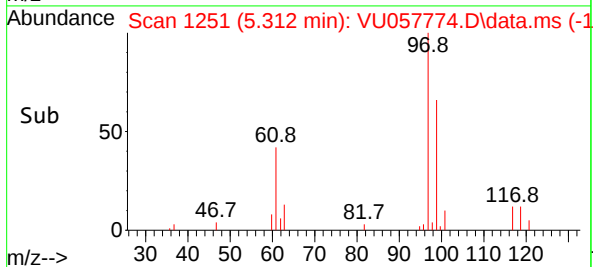
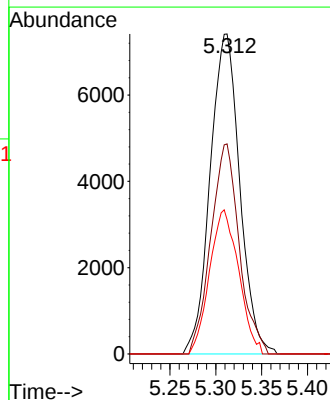
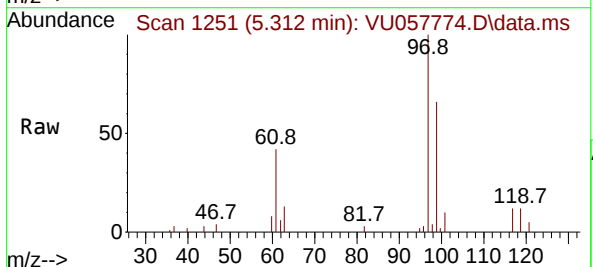
Tgt Ion: 97 Resp: 16629

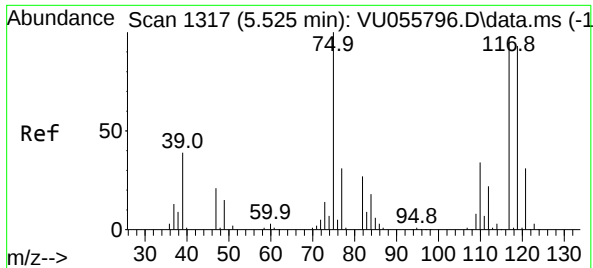
Ion Ratio Lower Upper

97 100

99 63.2 32.0 96.2

61 44.3 22.9 68.5





#29
1,1-Dichloropropene
Concen: 0.746 ug/l
RT: 5.524 min Scan# 1317
Delta R.T. -0.001 min
Lab File: VU057774.D
Acq: 01 Feb 2024 12:56

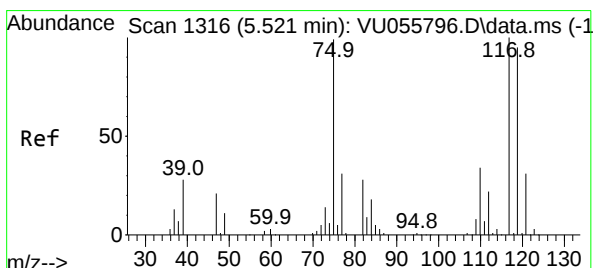
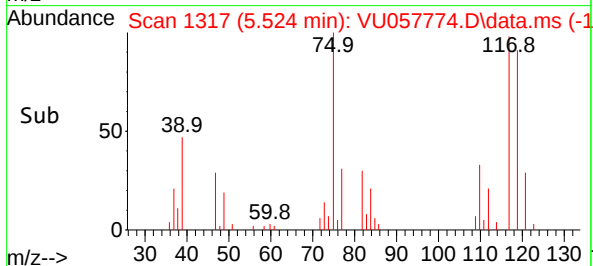
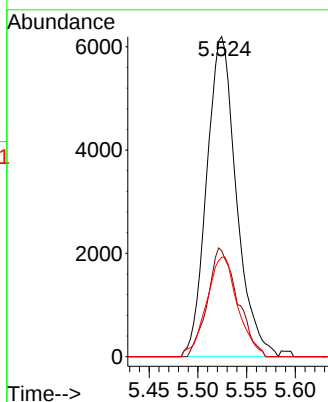
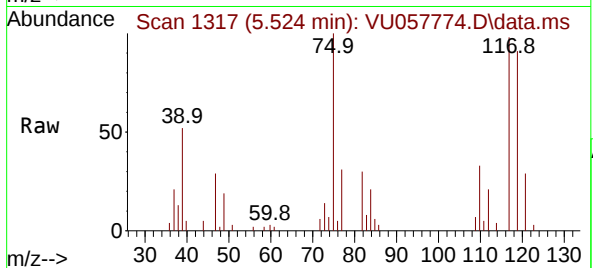
Instrument : MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024

Tgt Ion: 75 Resp: 13134

Ion	Ratio	Lower	Upper
75	100		
110	34.2	18.0	54.0
77	32.6	24.7	37.1

Manual Integrations
APPROVED

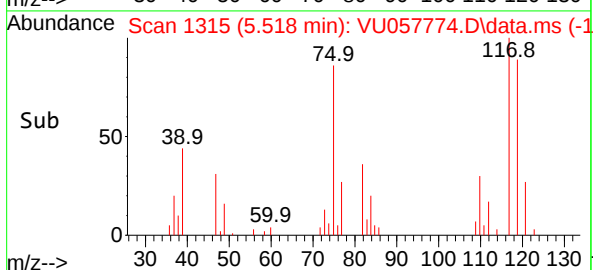
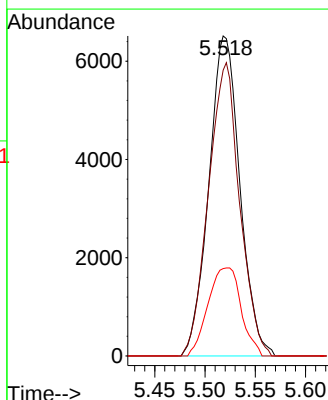
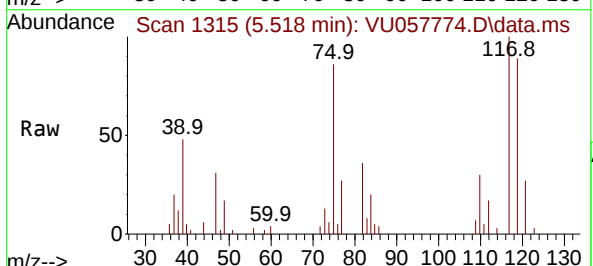
Reviewed By :Semsettin Yesilyurt 02/08/2024
Supervised By :Mahesh Dadoda 02/08/2024



#30
Carbon Tetrachloride
Concen: 0.747 ug/l
RT: 5.518 min Scan# 1315
Delta R.T. -0.003 min
Lab File: VU057774.D
Acq: 01 Feb 2024 12:56

Tgt Ion:117 Resp: 13997

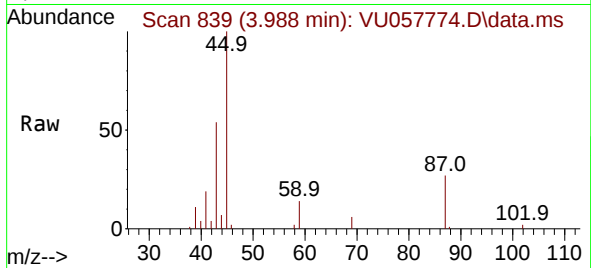
Ion	Ratio	Lower	Upper
117	100		
119	89.3	77.4	116.0
121	27.3	24.0	36.0





#31
Isopropyl Ether
Concen: 0.764 ug/l
RT: 3.988 min Scan# 81
Delta R.T. -0.000 min
Lab File: VU057774.D
Acq: 01 Feb 2024 12:56

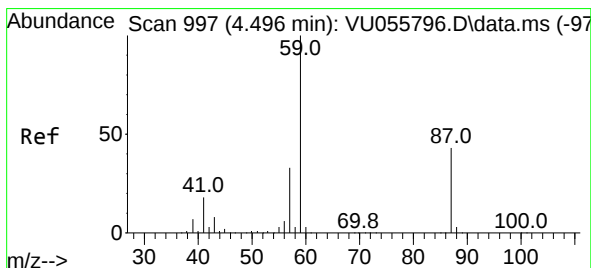
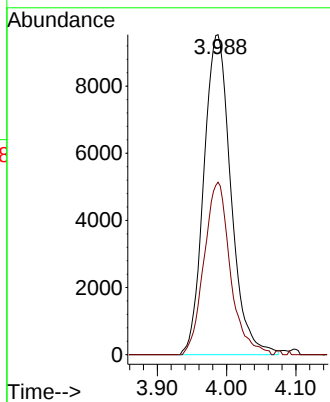
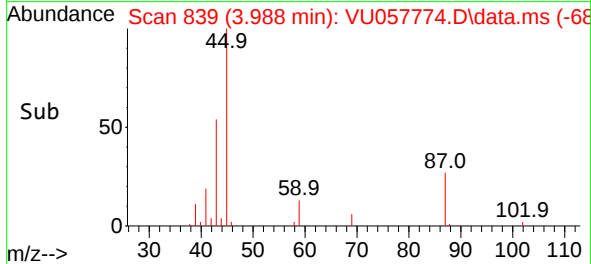
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024



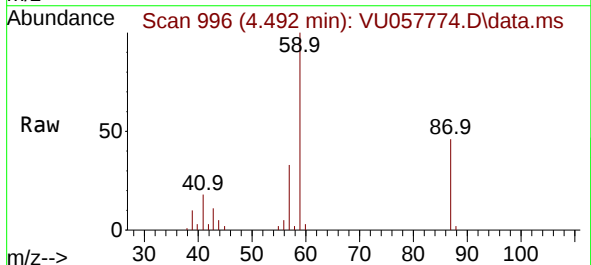
Tgt Ion: 45 Resp: 25890
Ion Ratio Lower Upper
45 100
43 52.4 27.5 82.5

Manual Integrations
APPROVED

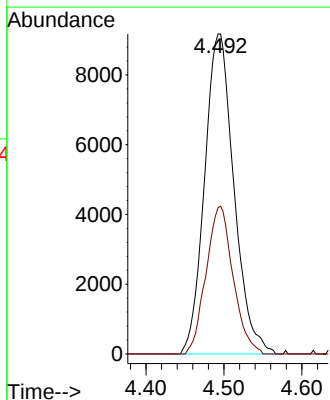
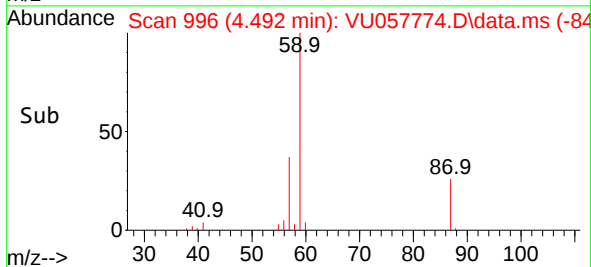
Reviewed By :Semsettin Yesilyurt 02/08/2024
Supervised By :Mahesh Dadoda 02/08/2024

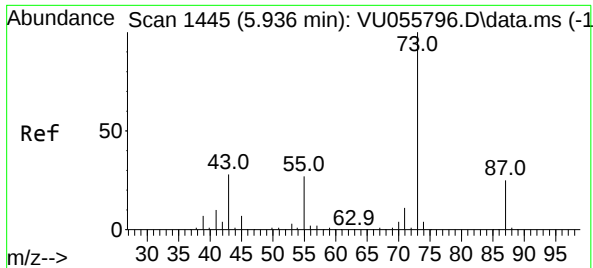


#32
Ethyl-t-butyl ether
Concen: 0.762 ug/l
RT: 4.492 min Scan# 996
Delta R.T. -0.004 min
Lab File: VU057774.D
Acq: 01 Feb 2024 12:56



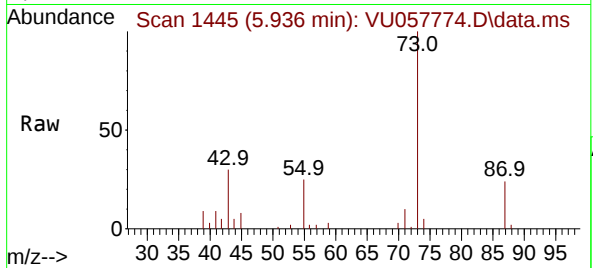
Tgt Ion: 59 Resp: 24008
Ion Ratio Lower Upper
59 100
87 42.5 33.5 50.3





#33
Tert-Amyl methyl ether
Concen: 0.722 ug/l
RT: 5.936 min Scan# 1445
Delta R.T. 0.000 min
Lab File: VU057774.D
Acq: 01 Feb 2024 12:56

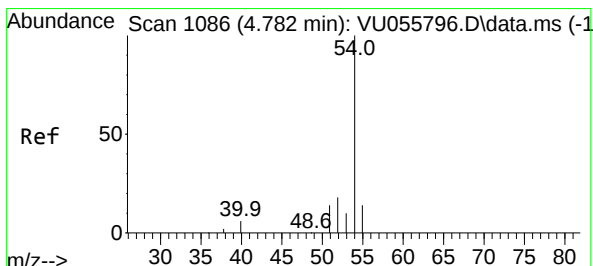
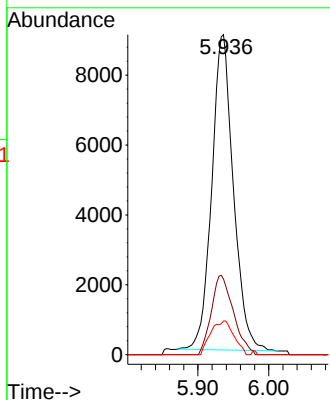
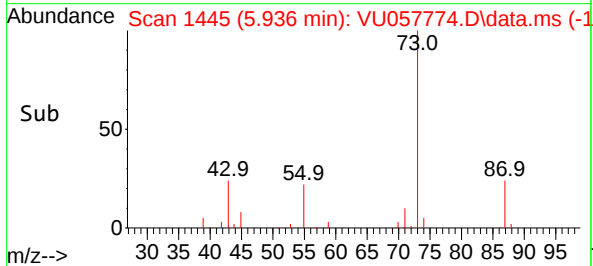
Instrument : MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024



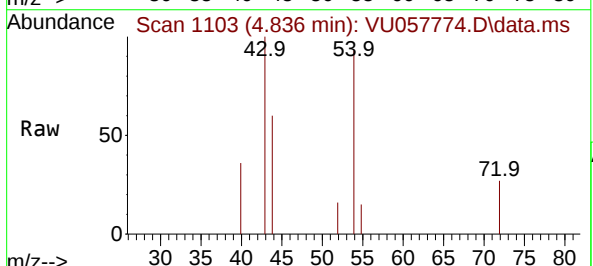
Tgt Ion: 73 Resp: 1914
Ion Ratio Lower Upper
73 100
87 25.5 18.6 28.0
71 11.4 9.9 14.9

Manual Integrations
APPROVED

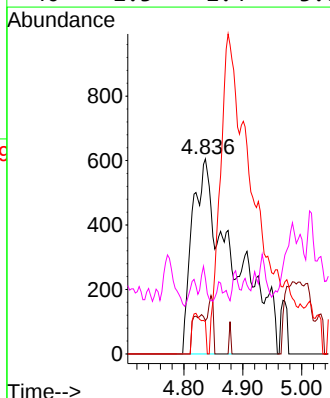
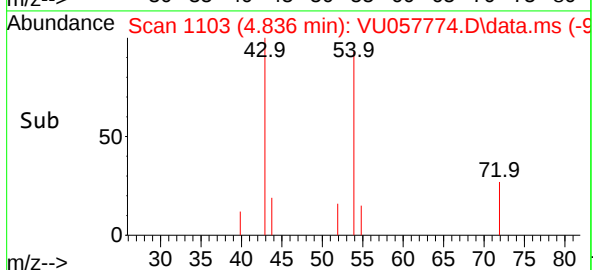
Reviewed By :Semsettin Yesilyurt 02/08/2024
Supervised By :Mahesh Dadoda 02/08/2024

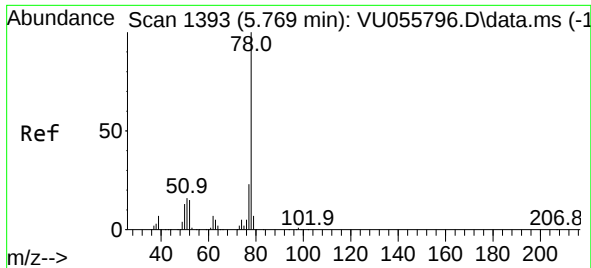


#34
Propionitrile
Concen: 3.827 ug/l m
RT: 4.836 min Scan# 1103
Delta R.T. 0.054 min
Lab File: VU057774.D
Acq: 01 Feb 2024 12:56



Tgt Ion: 54 Resp: 2969
Ion Ratio Lower Upper
54 100
52 2.9 17.4 26.0#
55 5.7 104.1 156.1#
40 2.3 2.4 3.6#





#35

Benzene

Concen: 0.751 ug/l

RT: 5.772 min Scan# 11

Delta R.T. 0.003 min

Lab File: VU057774.D

Acq: 01 Feb 2024 12:56

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT1-2024

Tgt Ion: 78 Resp: 3807

Ion Ratio Lower Upper

78 100

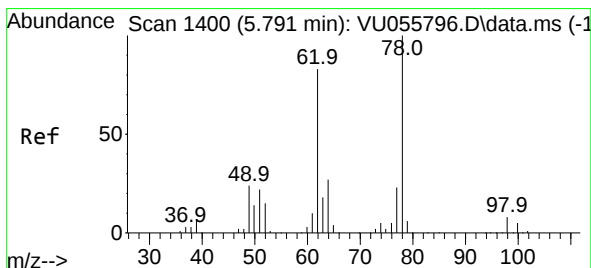
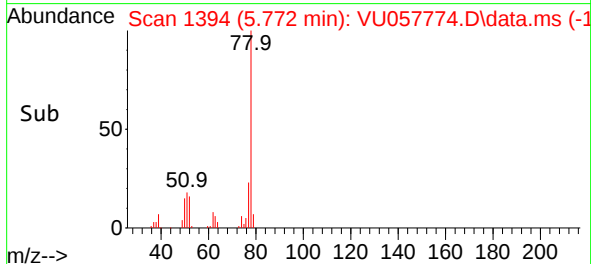
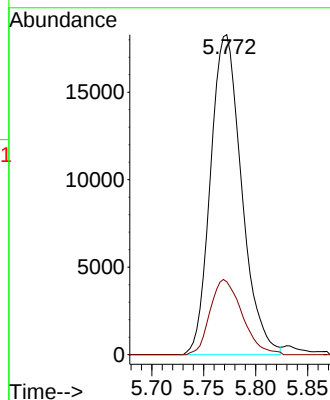
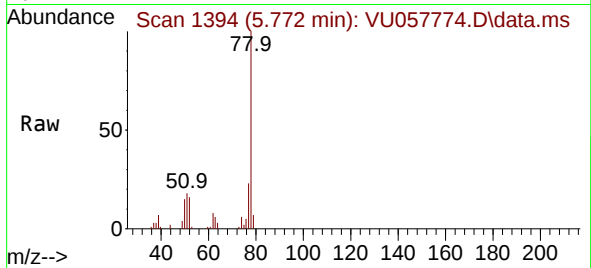
77 22.8 18.9 28.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/08/2024

Supervised By :Mahesh Dadoda 02/08/2024



#36

1,2-Dichloroethane

Concen: 0.748 ug/l

RT: 5.791 min Scan# 1400

Delta R.T. 0.000 min

Lab File: VU057774.D

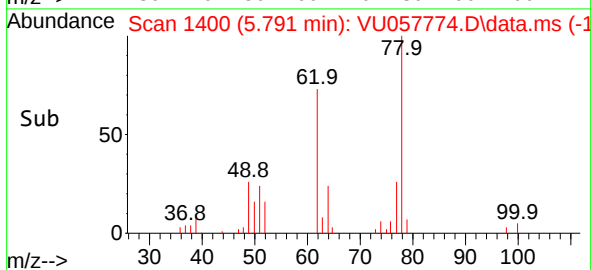
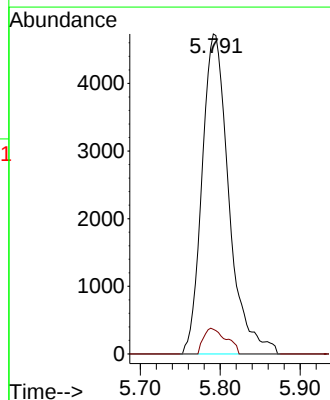
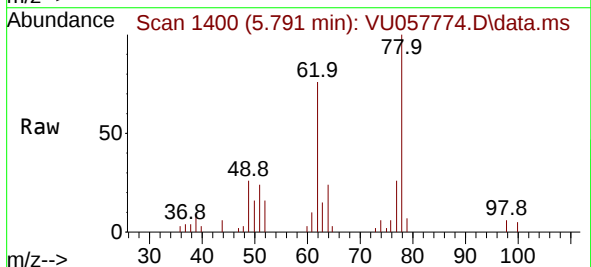
Acq: 01 Feb 2024 12:56

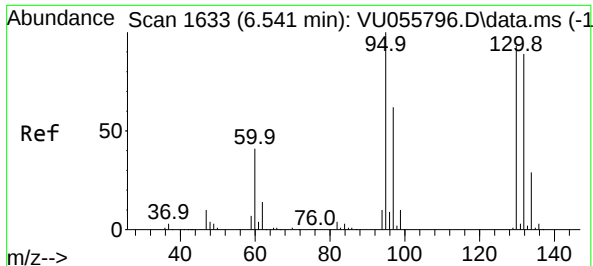
Tgt Ion: 62 Resp: 11048

Ion Ratio Lower Upper

62 100

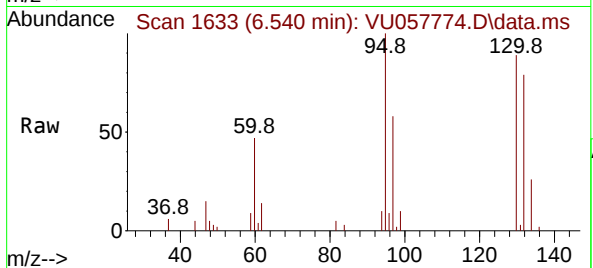
98 6.7 7.3 10.9#





#37
 Trichloroethene
 Concen: 0.743 ug/l
 RT: 6.540 min Scan# 1
 Delta R.T. -0.001 min
 Lab File: VU057774.D
 Acq: 01 Feb 2024 12:56

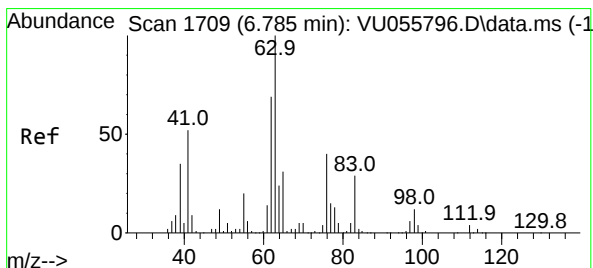
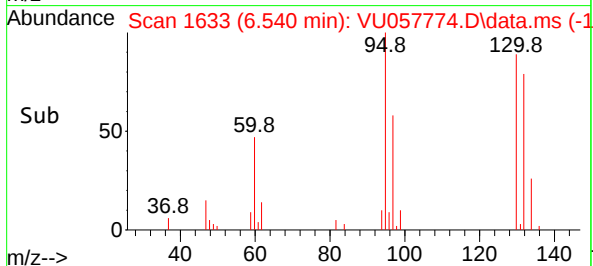
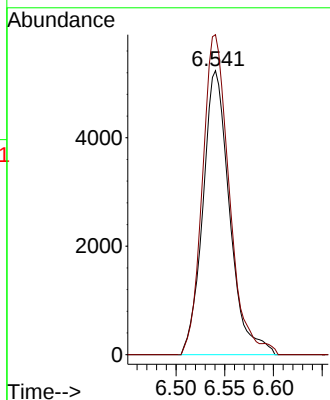
Instrument :
 MSVOA_U
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2024



Tgt Ion:130 Resp: 9990
 Ion Ratio Lower Upper
 130 100
 95 112.7 85.0 127.6

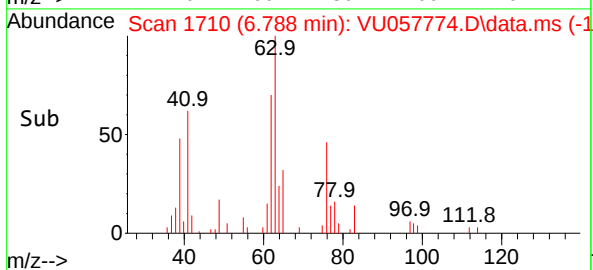
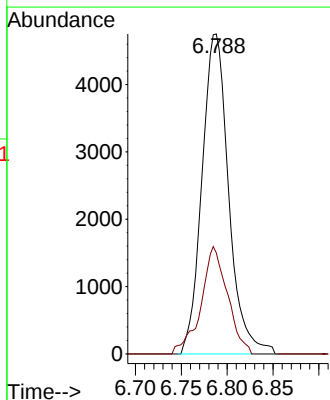
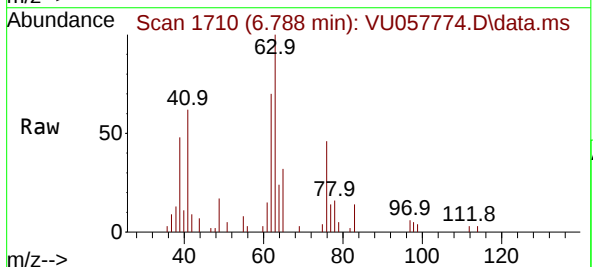
Manual Integrations
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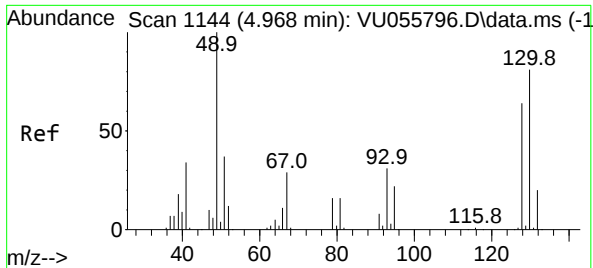
Reviewed By :Semsettin Yesilyurt 02/08/2024
 Supervised By :Mahesh Dadoda 02/08/2024



#38
 1,2-Dichloropropane
 Concen: 0.732 ug/l
 RT: 6.788 min Scan# 1710
 Delta R.T. 0.003 min
 Lab File: VU057774.D
 Acq: 01 Feb 2024 12:56

Tgt Ion: 63 Resp: 9624
 Ion Ratio Lower Upper
 63 100
 65 31.6 24.9 37.3





#39

Methacrylonitrile

Concen: 0.593 ug/l

RT: 4.997 min Scan# 1153

Delta R.T. 0.029 min

Lab File: VU057774.D

Acq: 01 Feb 2024 12:56

Instrument :

MSVOA_U

ClientSampleId :

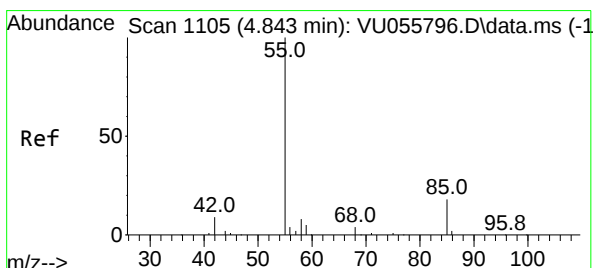
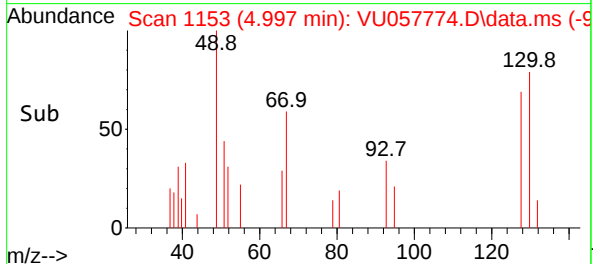
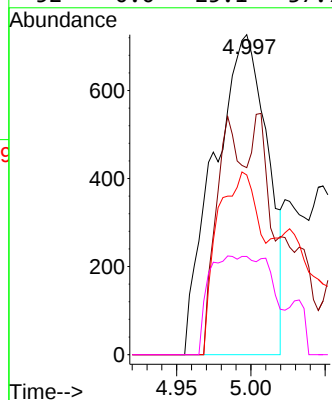
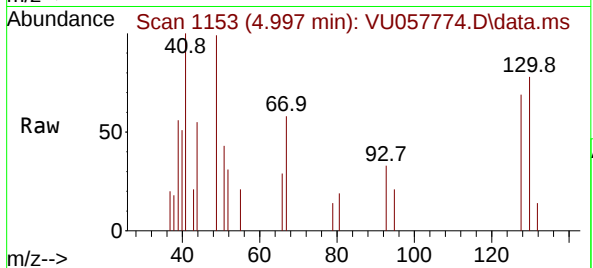
LOD-MDL-WATER-01-QT1-2024

Tgt Ion:	41	Resp:	183
Ion	Ratio	Lower	Upper
41	100		
67	46.6	66.8	100.2
39	44.7	41.2	61.8
52	0.0	25.1	37.7

Manual Integrations

APPROVED

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



#40

Methyl acrylate

Concen: 0.723 ug/l m

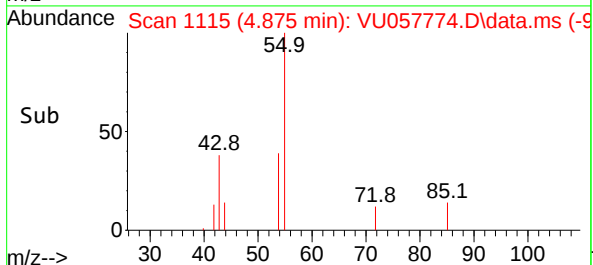
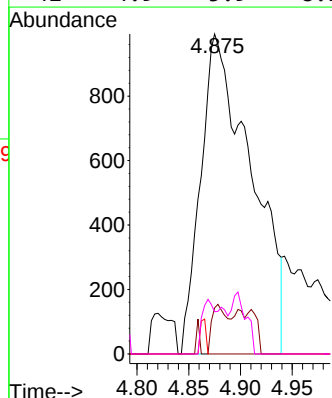
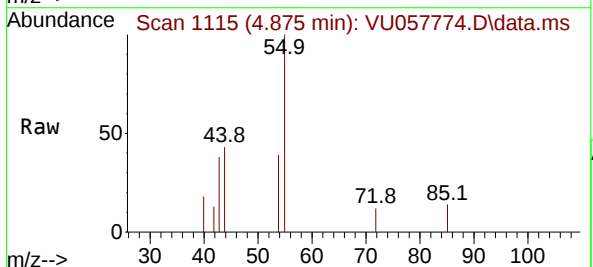
RT: 4.875 min Scan# 1115

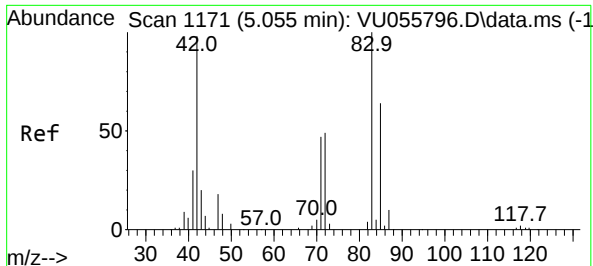
Delta R.T. 0.032 min

Lab File: VU057774.D

Acq: 01 Feb 2024 12:56

Tgt Ion:	55	Resp:	3367
Ion	Ratio	Lower	Upper
55	100		
85	0.0	13.3	19.9
58	1.2	6.5	9.7
42	4.9	5.9	8.9





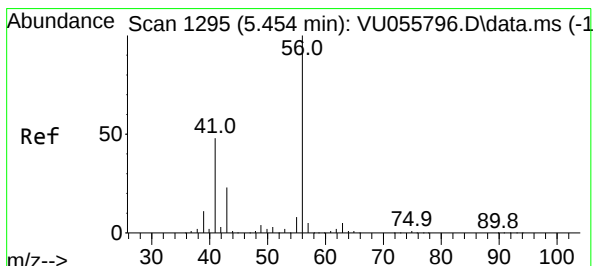
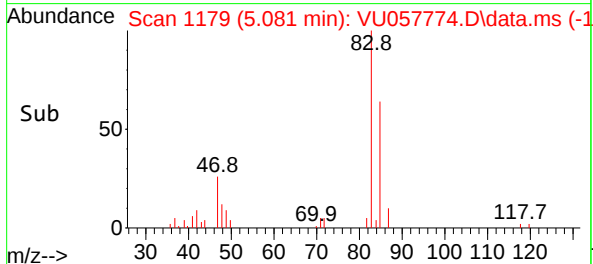
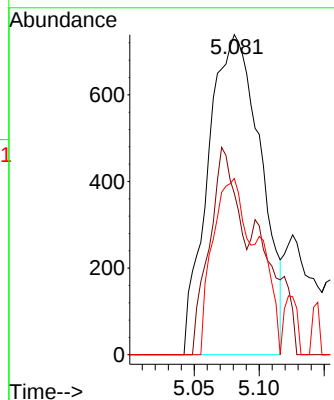
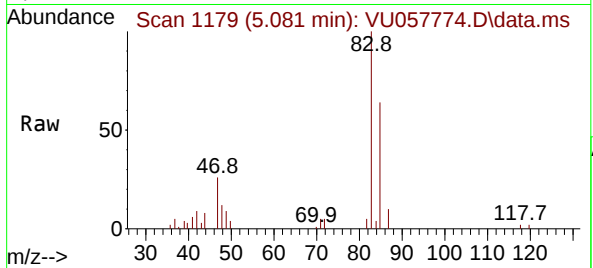
#41
Tetrahydrofuran
Concen: 1.266 ug/l
RT: 5.081 min Scan# 1179
Delta R.T. 0.026 min
Lab File: VU057774.D
Acq: 01 Feb 2024 12:56

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

Tgt Ion: 42 Resp: 209
Ion Ratio Lower Upper
42 100
72 37.0 40.9 61.3
71 34.6 36.9 55.3

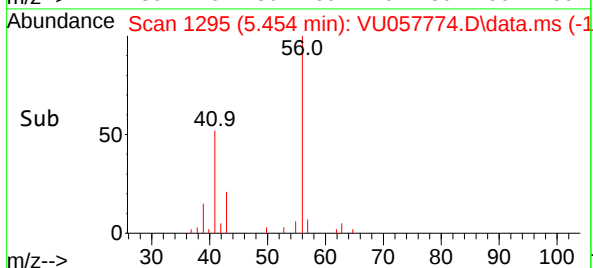
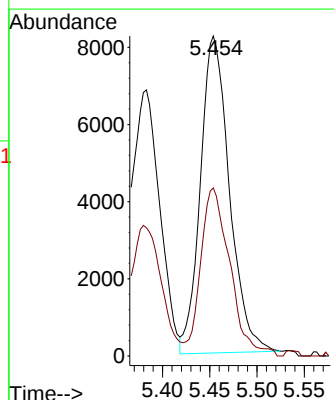
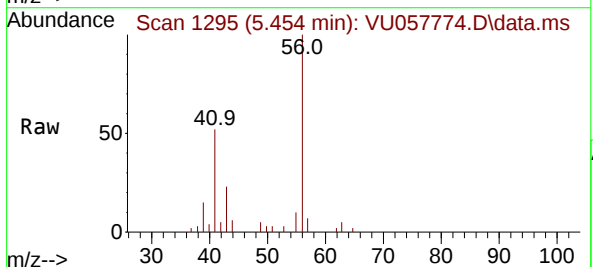
Manual Integrations
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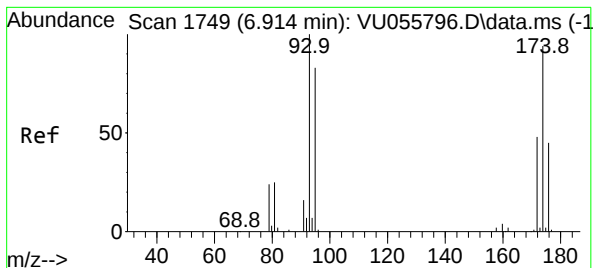
Reviewed By :Semsettin Yesilyurt 02/08/2024
Supervised By :Mahesh Dadoda 02/08/2024



#42
1-Chlorobutane
Concen: 0.756 ug/l
RT: 5.454 min Scan# 1295
Delta R.T. -0.000 min
Lab File: VU057774.D
Acq: 01 Feb 2024 12:56

Tgt Ion: 56 Resp: 17550
Ion Ratio Lower Upper
56 100
41 53.3 25.2 75.6





#43

Dibromomethane

Concen: 0.765 ug/l

RT: 6.917 min Scan# 11

Delta R.T. 0.003 min

Lab File: VU057774.D

Acq: 01 Feb 2024 12:56

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT1-2024

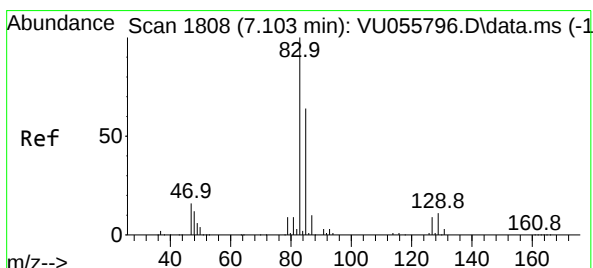
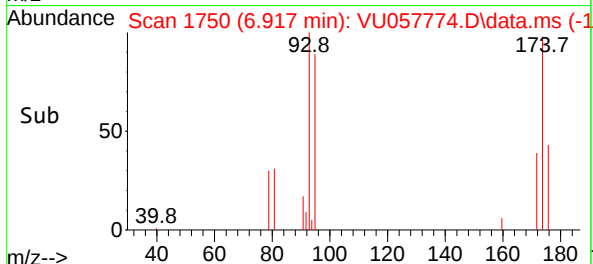
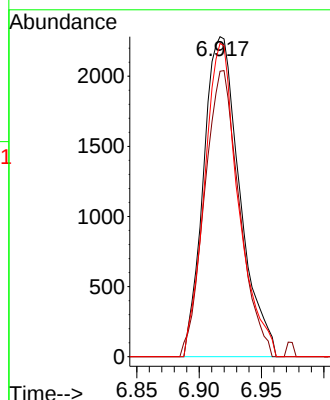
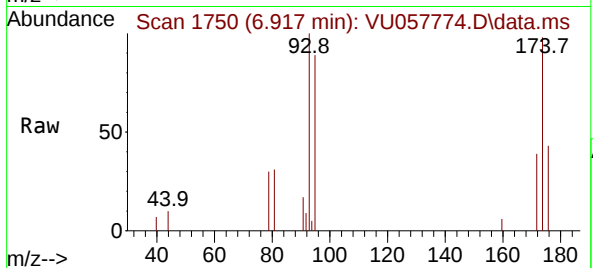
Tgt Ion: 93 Resp: 4620

Ion	Ratio	Lower	Upper
93	100		
95	85.4	67.0	100.6
174	91.1	73.8	110.6

Manual Integrations

APPROVED

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



#44

Bromodichloromethane

Concen: 0.746 ug/l

RT: 7.097 min Scan# 1806

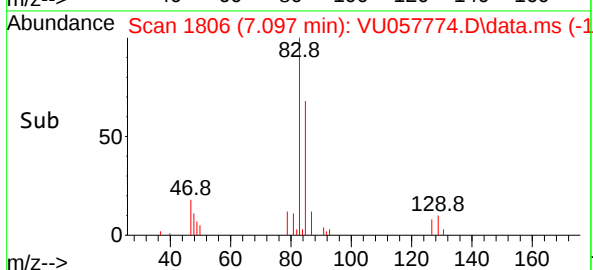
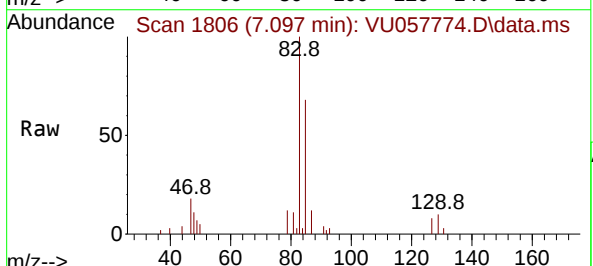
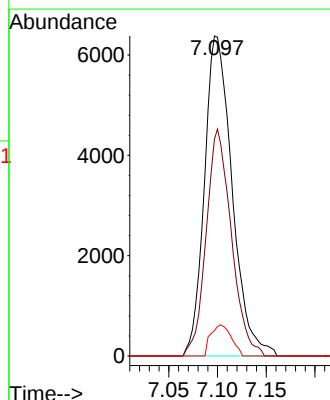
Delta R.T. -0.006 min

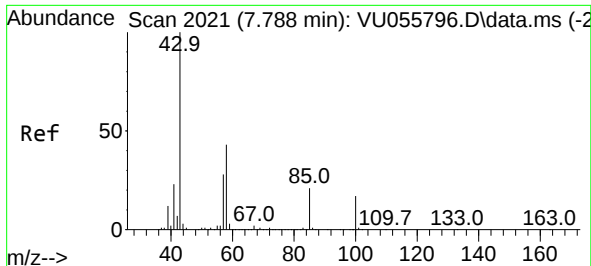
Lab File: VU057774.D

Acq: 01 Feb 2024 12:56

Tgt Ion: 83 Resp: 12625

Ion	Ratio	Lower	Upper
83	100		
85	67.8	51.9	77.9
127	8.0	6.7	10.1





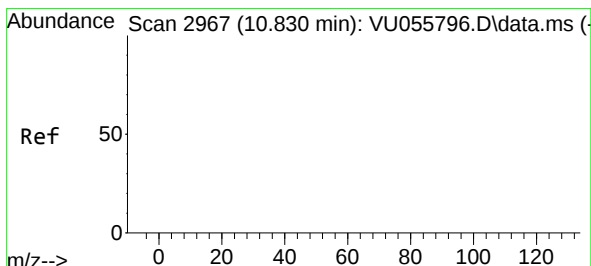
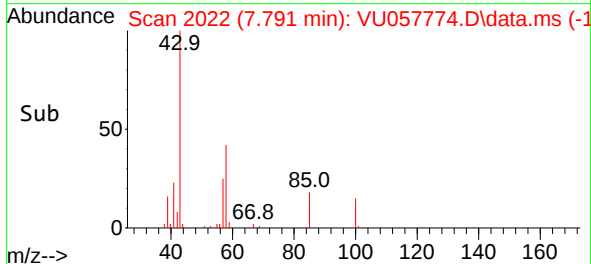
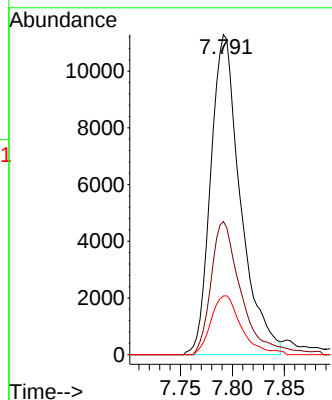
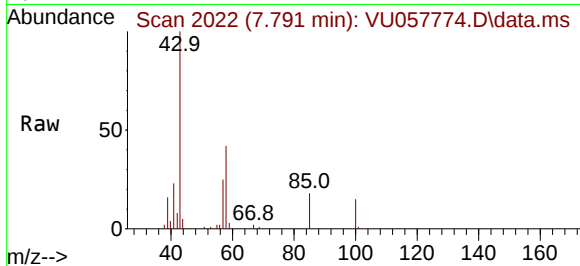
#45
4-Methyl-2-Pentanone
Concen: 3.493 ug/l
RT: 7.791 min Scan# 2021
Delta R.T. 0.003 min
Lab File: VU057774.D
Acq: 01 Feb 2024 12:56

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

Tgt Ion: 43 Resp: 2249
Ion Ratio Lower Upper
43 100
58 42.1 20.9 62.8
85 18.8 14.6 21.8

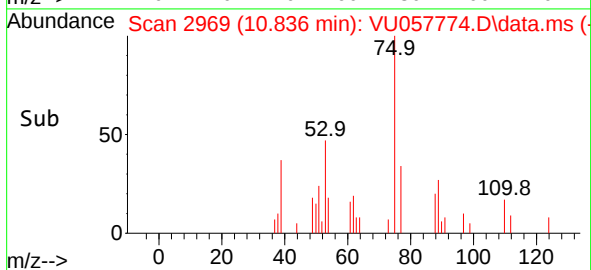
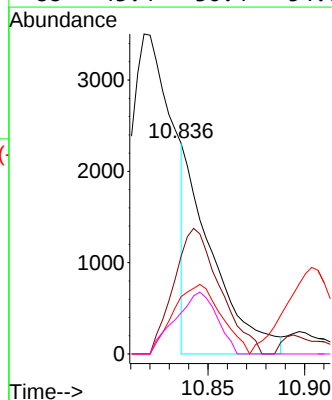
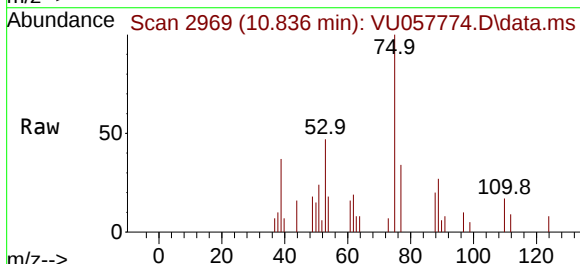
Manual Integrations
APPROVED

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



#46
t-1,4-Dichloro-2-butene
Concen: 1.590 ug/l m
RT: 10.836 min Scan# 2969
Delta R.T. 0.006 min
Lab File: VU057774.D
Acq: 01 Feb 2024 12:56

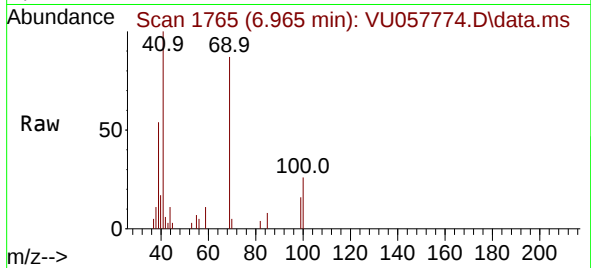
Tgt Ion: 75 Resp: 2326
Ion Ratio Lower Upper
75 100
53 97.9 73.3 109.9
89 55.8 48.2 72.4
88 43.4 36.4 54.6





#47
Methyl methacrylate
Concen: 1.443 ug/l
RT: 6.965 min Scan# 1765
Delta R.T. 0.006 min
Lab File: VU057774.D
Acq: 01 Feb 2024 12:56

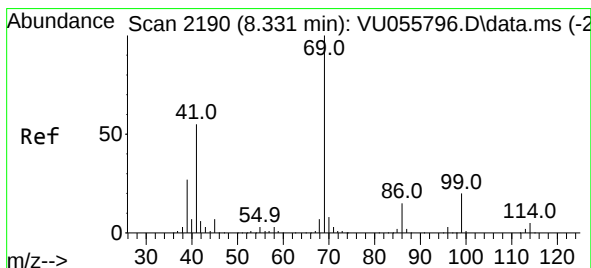
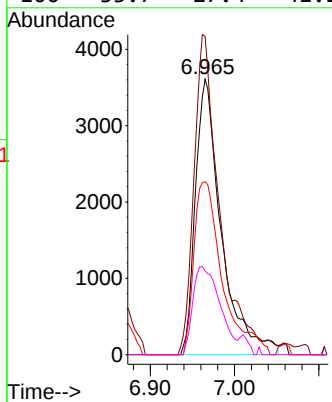
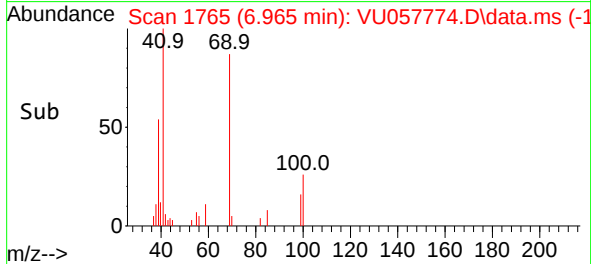
Instrument : MSVOA_U
ClientSampleId : LOD-MDL-WATER-01-QT1-2024



Tgt Ion: 69 Resp: 770
Ion Ratio Lower Upper
69 100
41 113.8 0.0 209.2
39 68.9 46.7 70.1
100 33.7 27.4 41.2

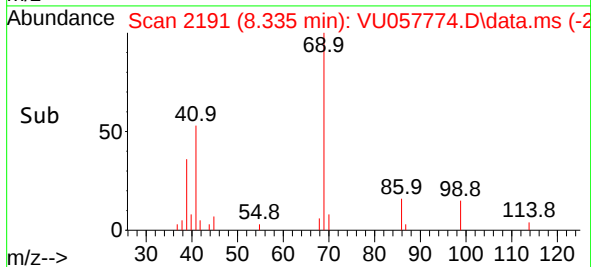
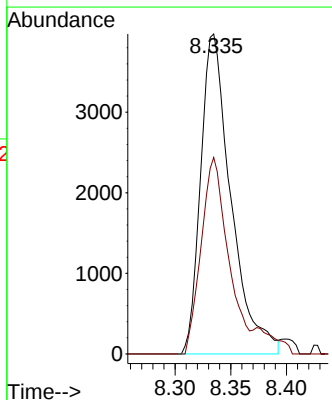
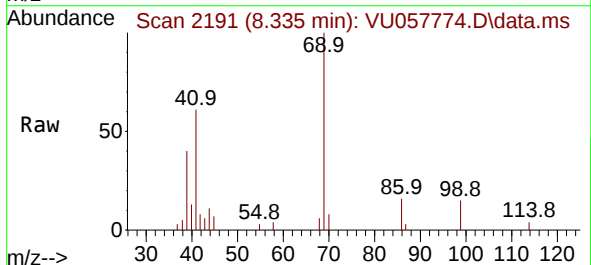
Manual Integrations
APPROVED

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



#48
Ethyl methacrylate
Concen: 0.701 ug/l
RT: 8.335 min Scan# 2191
Delta R.T. 0.004 min
Lab File: VU057774.D
Acq: 01 Feb 2024 12:56

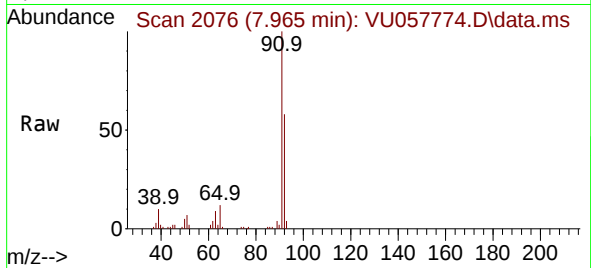
Tgt Ion: 69 Resp: 7503
Ion Ratio Lower Upper
69 100
41 55.4 30.3 90.8





#49
Toluene
Concen: 0.725 ug/l
RT: 7.965 min Scan# 2076
Delta R.T. -0.000 min
Lab File: VU057774.D
Acq: 01 Feb 2024 12:56

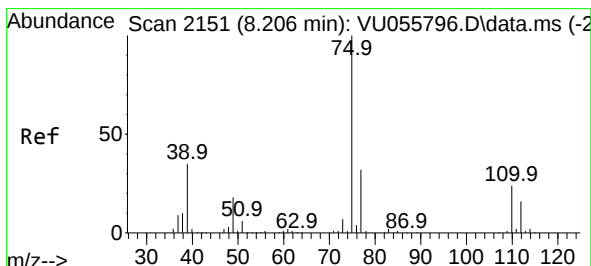
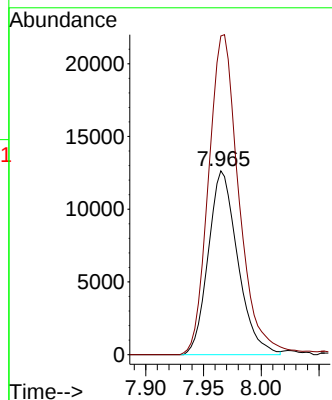
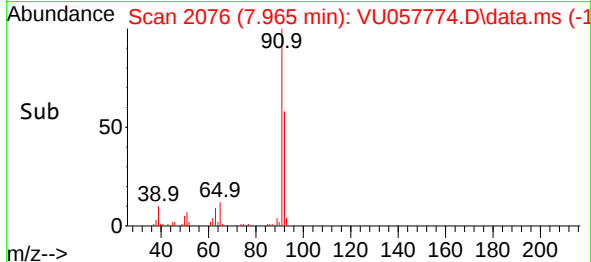
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024



Tgt Ion: 92 Resp: 2245
Ion Ratio Lower Upper
92 100
91 180.0 143.0 214.6

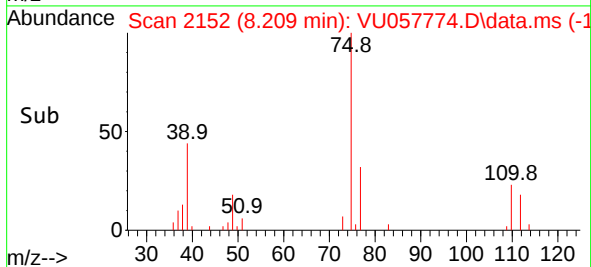
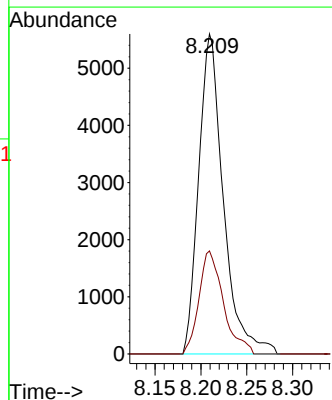
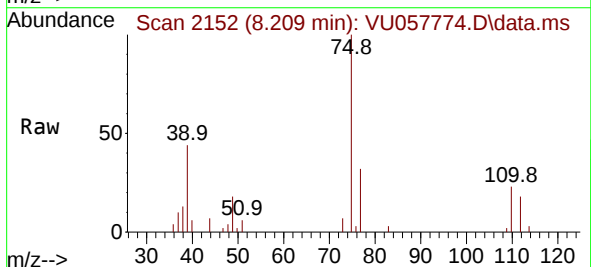
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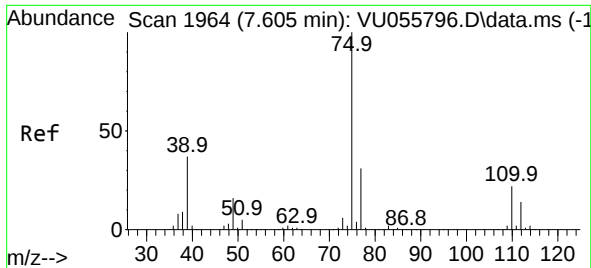
Reviewed By :Semsettin Yesilyurt 02/08/2024
Supervised By :Mahesh Dadoda 02/08/2024



#50
t-1,3-Dichloropropene
Concen: 0.717 ug/l
RT: 8.209 min Scan# 2152
Delta R.T. 0.003 min
Lab File: VU057774.D
Acq: 01 Feb 2024 12:56

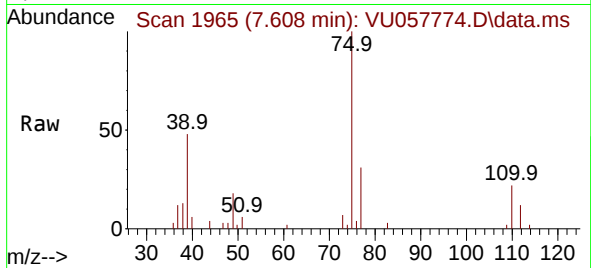
Tgt Ion: 75 Resp: 10473
Ion Ratio Lower Upper
75 100
77 32.2 25.3 37.9





#51
 cis-1,3-Dichloropropene
 Concen: 0.710 ug/l
 RT: 7.608 min Scan# 1964
 Delta R.T. 0.003 min
 Lab File: VU057774.D
 Acq: 01 Feb 2024 12:56

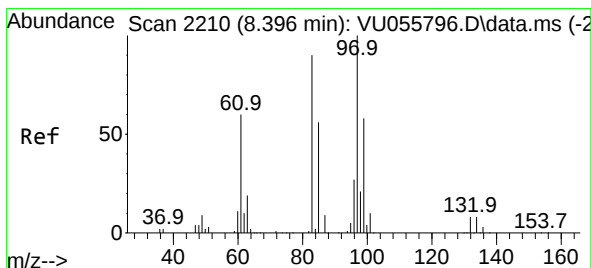
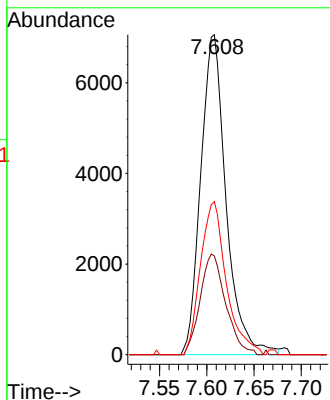
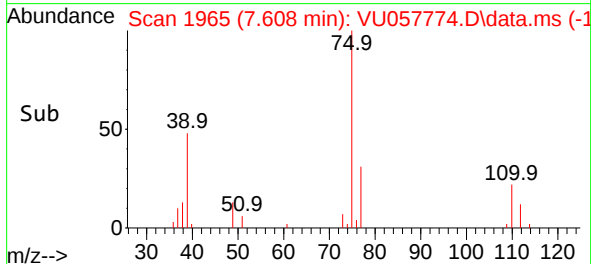
Instrument : MSVOA_U
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2024



Tgt Ion: 75 Resp: 1314
 Ion Ratio Lower Upper
 75 100
 77 30.8 25.7 38.5
 39 47.8 32.8 49.2

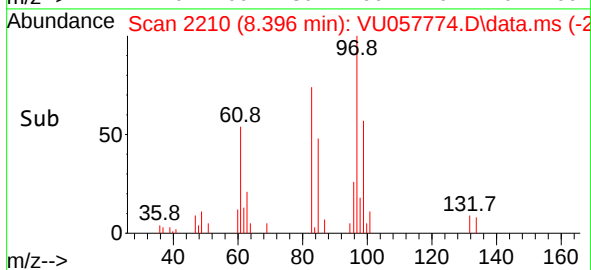
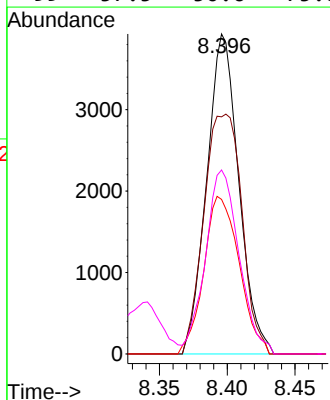
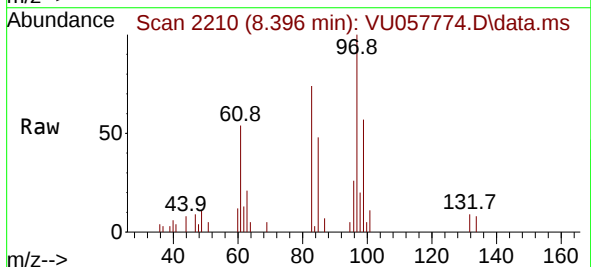
Manual Integrations
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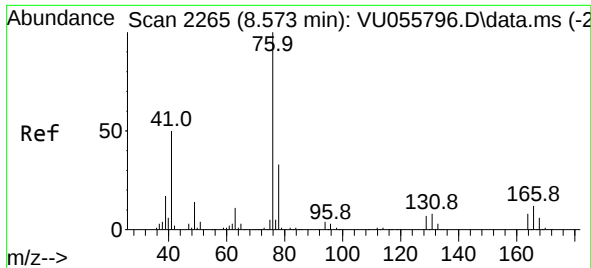
Reviewed By :Semsettin Yesilyurt 02/08/2024
 Supervised By :Mahesh Dadoda 02/08/2024



#52
 1,1,2-Trichloroethane
 Concen: 0.776 ug/l
 RT: 8.396 min Scan# 2210
 Delta R.T. -0.000 min
 Lab File: VU057774.D
 Acq: 01 Feb 2024 12:56

Tgt Ion: 97 Resp: 6465
 Ion Ratio Lower Upper
 97 100
 83 74.1 71.8 107.8
 85 48.3 45.2 67.8
 99 57.5 50.6 75.8





#53

1,3-Dichloropropane

Concen: 0.714 ug/l

RT: 8.573 min Scan# 2101

Delta R.T. -0.000 min

Lab File: VU057774.D

Acq: 01 Feb 2024 12:56

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT1-2024

Tgt Ion: 76 Resp: 10690

Ion Ratio Lower Upper

76 100

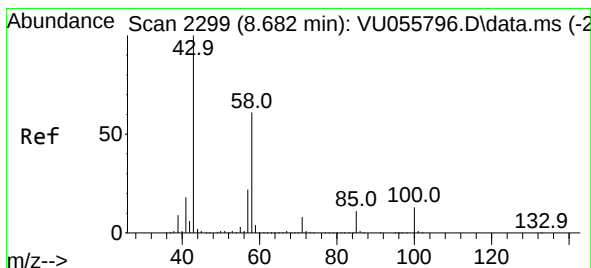
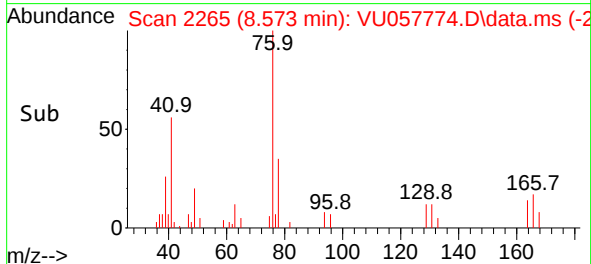
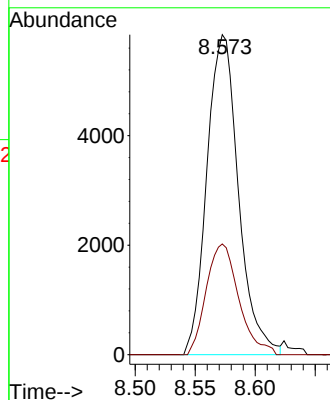
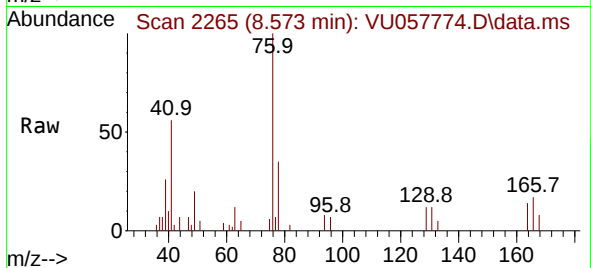
78 35.6 25.9 38.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/08/2024

Supervised By :Mahesh Dadoda 02/08/2024



#54

2-Hexanone

Concen: 3.333 ug/l

RT: 8.688 min Scan# 2301

Delta R.T. 0.006 min

Lab File: VU057774.D

Acq: 01 Feb 2024 12:56

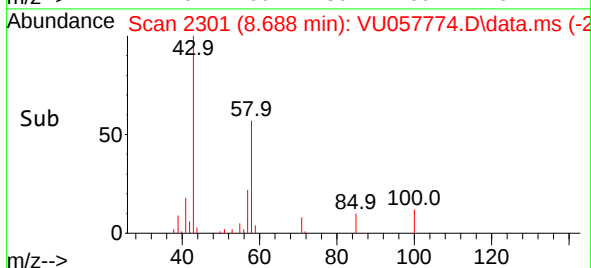
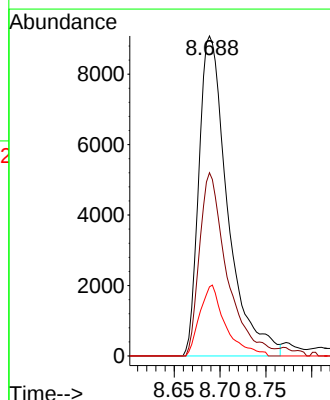
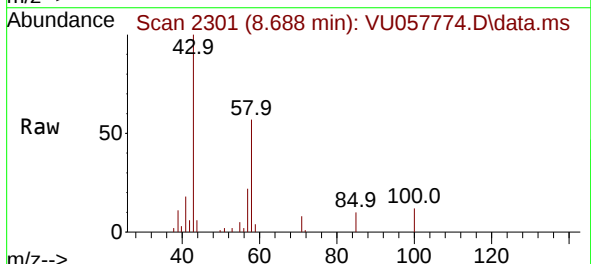
Tgt Ion: 43 Resp: 19762

Ion Ratio Lower Upper

43 100

58 54.8 38.2 78.2

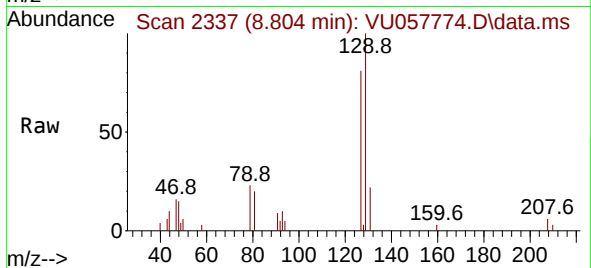
57 19.9 0.0 39.1





#55
Dibromochloromethane
Concen: 0.671 ug/l
RT: 8.804 min Scan# 2112
Delta R.T. -0.003 min
Lab File: VU057774.D
Acq: 01 Feb 2024 12:56

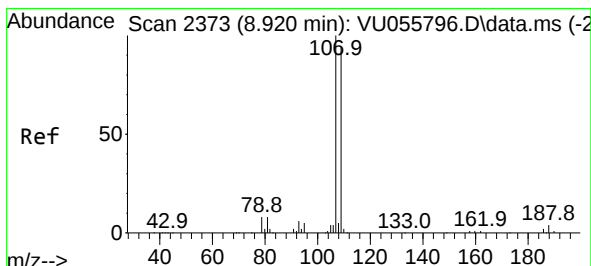
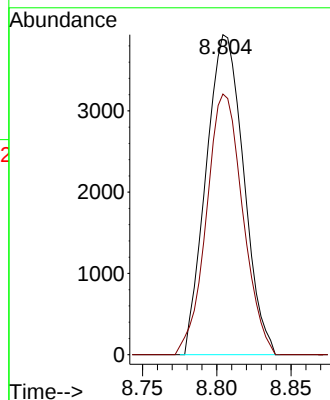
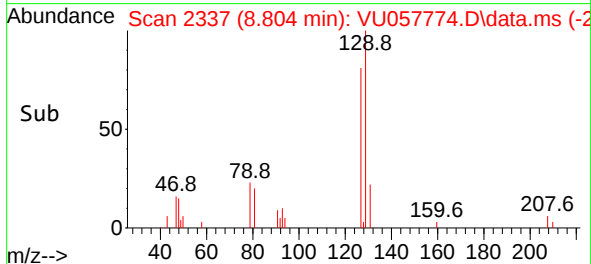
Instrument : MSVOA_U
ClientSampleId : LOD-MDL-WATER-01-QT1-2024



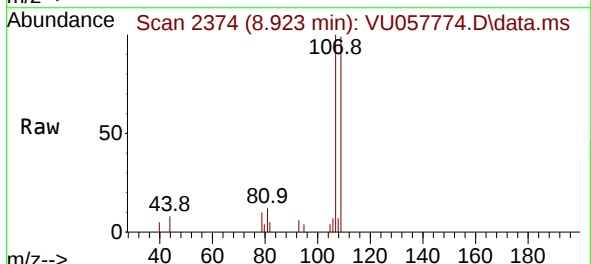
Tgt Ion:129 Resp: 6912
Ion Ratio Lower Upper
129 100
127 79.0 61.4 92.0

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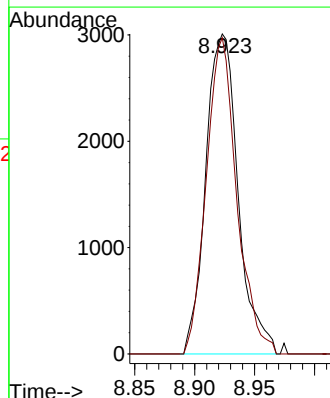
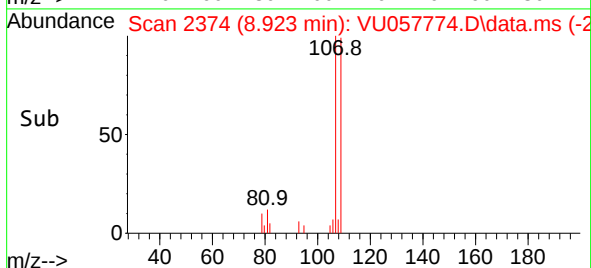
Reviewed By :Semsettin Yesilyurt 02/08/2024
Supervised By :Mahesh Dadoda 02/08/2024

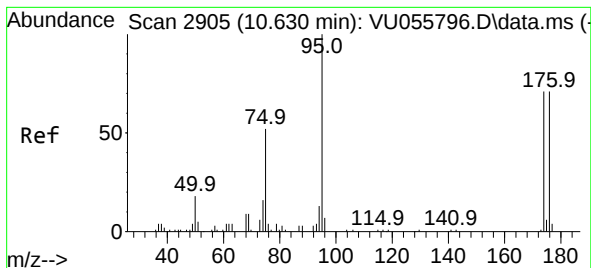


#56
1,2-Dibromoethane
Concen: 0.738 ug/l
RT: 8.923 min Scan# 2374
Delta R.T. 0.003 min
Lab File: VU057774.D
Acq: 01 Feb 2024 12:56



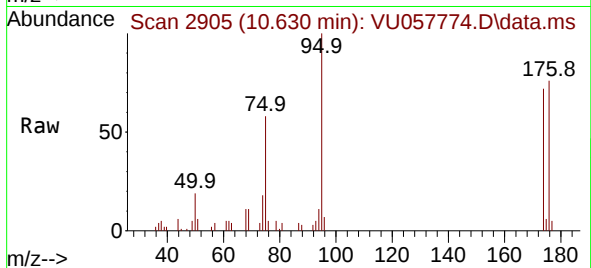
Tgt Ion:107 Resp: 5653
Ion Ratio Lower Upper
107 100
109 93.1 0.0 184.4





#57
4-Bromofluorobenzene
Concen: 0.853 ug/l
RT: 10.630 min Scan# 2905
Delta R.T. 0.000 min
Lab File: VU057774.D
Acq: 01 Feb 2024 12:56

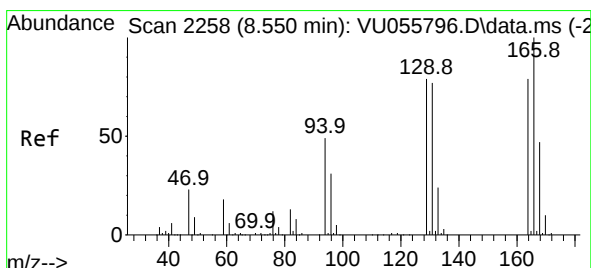
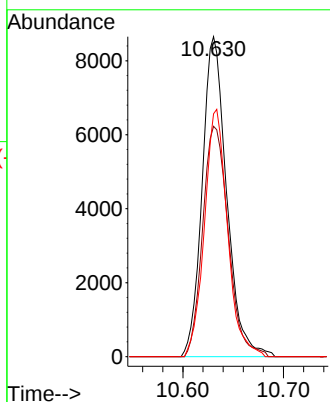
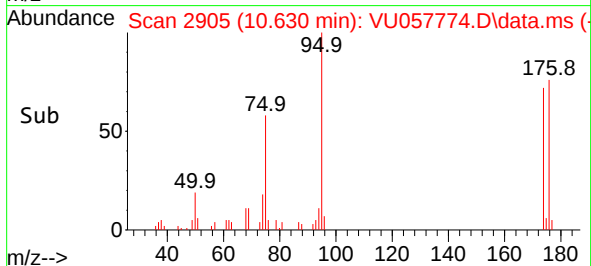
Instrument : MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024



Tgt Ion: 95 Resp: 14620
Ion Ratio Lower Upper
95 100
174 75.4 63.3 94.9
176 73.0 59.3 88.9

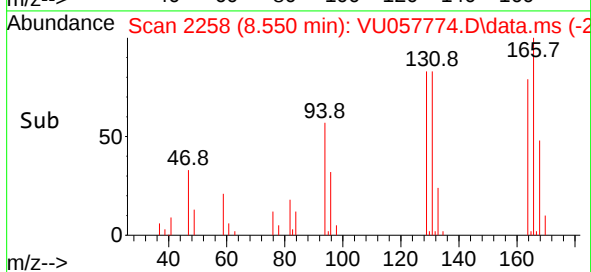
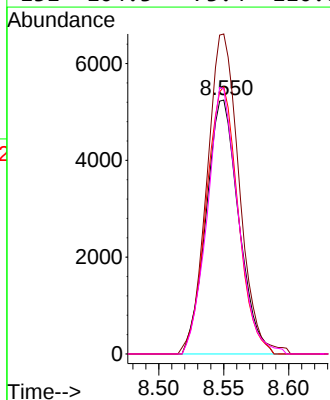
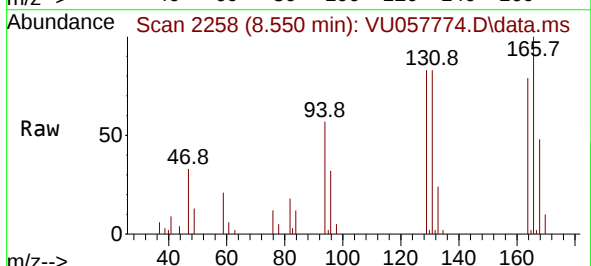
Manual Integrations
APPROVED

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



#58
Tetrachloroethene
Concen: 0.769 ug/l
RT: 8.550 min Scan# 2258
Delta R.T. 0.000 min
Lab File: VU057774.D
Acq: 01 Feb 2024 12:56

Tgt Ion:164 Resp: 9135
Ion Ratio Lower Upper
164 100
166 126.0 99.6 149.4
129 105.1 78.6 117.8
131 104.3 73.4 110.0





#59

Chlorobenzene

Concen: 0.726 ug/l

RT: 9.444 min Scan# 2536

Delta R.T. -0.000 min

Lab File: VU057774.D

Acq: 01 Feb 2024 12:56

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT1-2024

Tgt Ion:112 Resp: 2486

Ion Ratio Lower Upper

112 100

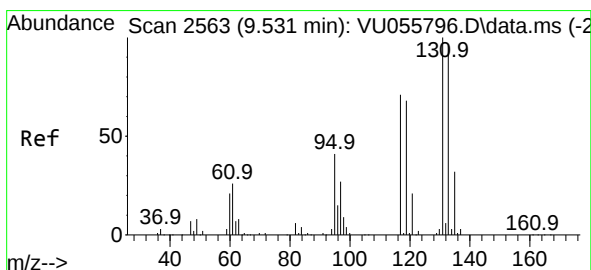
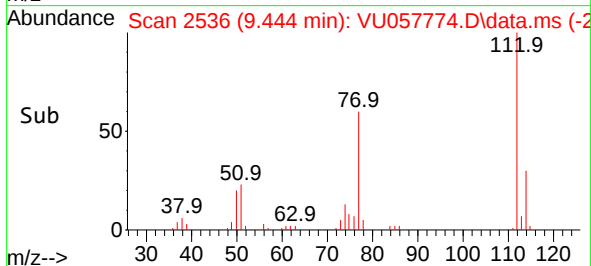
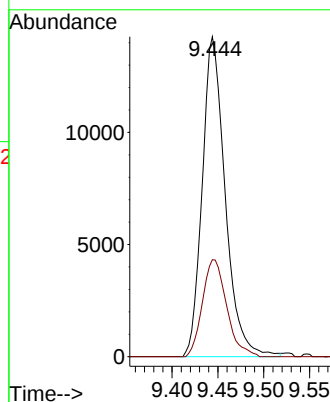
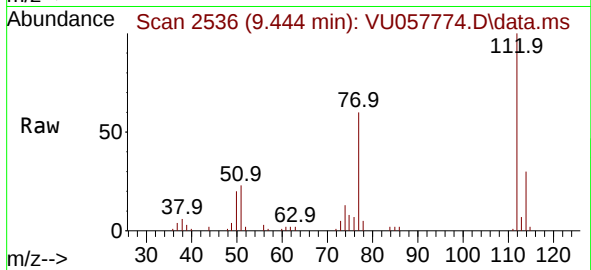
114 30.3 25.6 38.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/08/2024

Supervised By :Mahesh Dadoda 02/08/2024



#60

1,1,1,2-Tetrachloroethane

Concen: 0.747 ug/l

RT: 9.531 min Scan# 2563

Delta R.T. -0.000 min

Lab File: VU057774.D

Acq: 01 Feb 2024 12:56

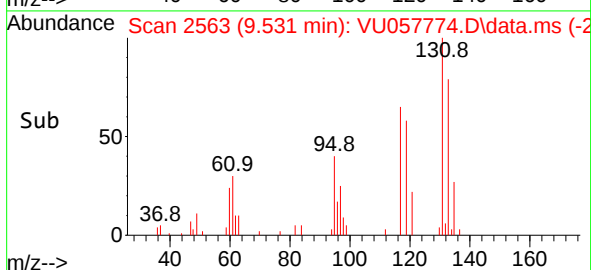
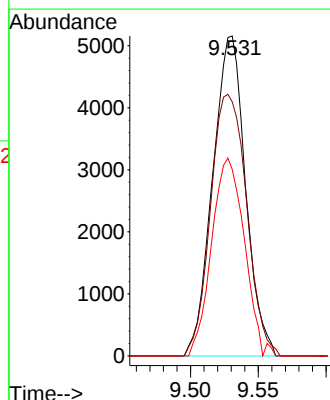
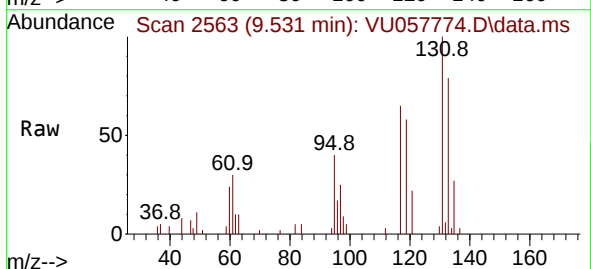
Tgt Ion:131 Resp: 8679

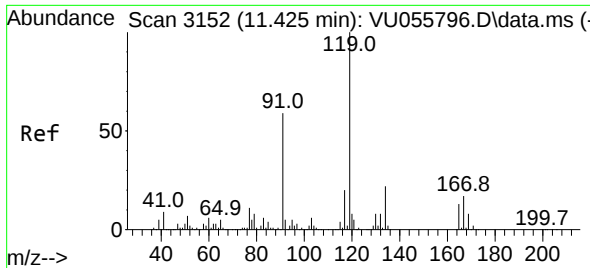
Ion Ratio Lower Upper

131 100

133 89.9 77.8 116.6

119 61.6 55.2 82.8





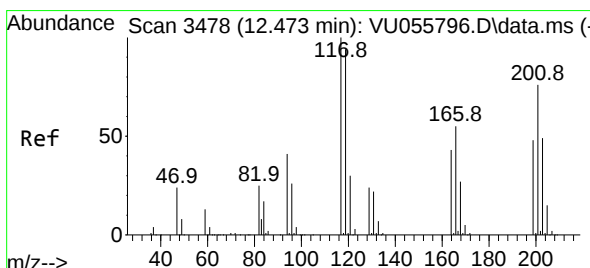
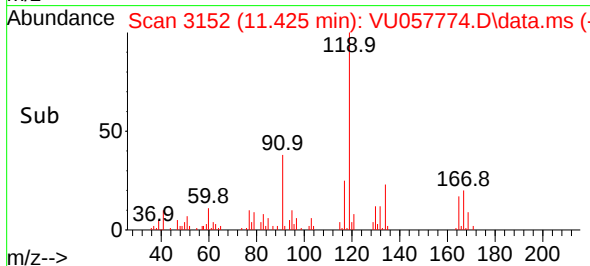
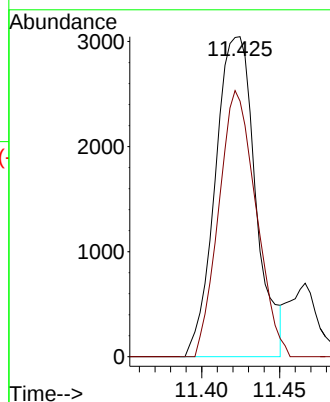
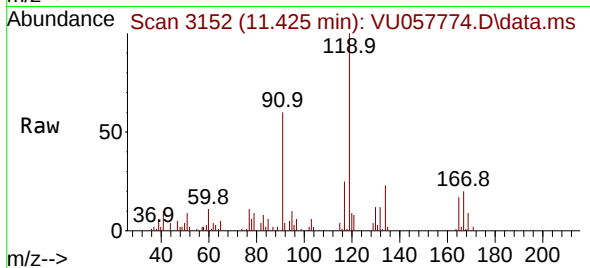
#61
 Pentachloroethane
 Concen: 0.649 ug/l
 RT: 11.425 min Scan# 3152
 Delta R.T. -0.000 min
 Lab File: VU057774.D
 Acq: 01 Feb 2024 12:56

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

Tgt Ion:117 Resp: 548
 Ion Ratio Lower Upper
 117 100
 167 76.8 56.7 85.1

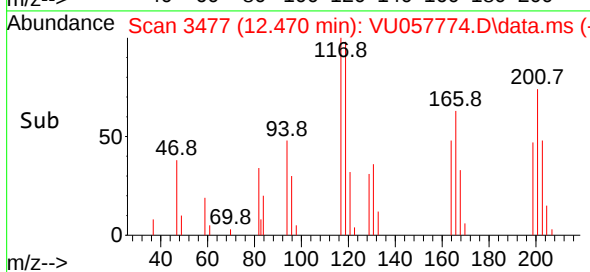
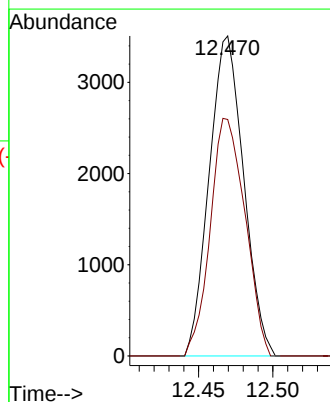
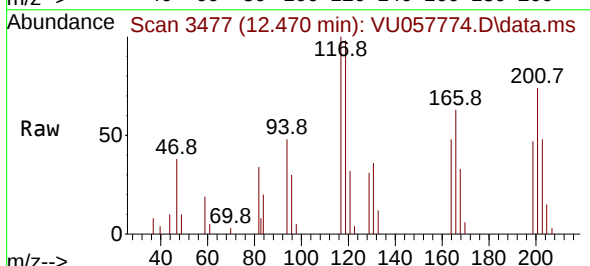
Manual Integrations
 APPROVED

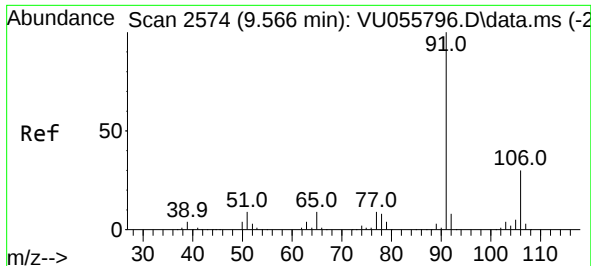
Reviewed By :Semsettin Yesilyurt 02/08/2024
 Supervised By :Mahesh Dadoda 02/08/2024



#62
 Hexachloroethane
 Concen: 0.615 ug/l
 RT: 12.470 min Scan# 3477
 Delta R.T. -0.003 min
 Lab File: VU057774.D
 Acq: 01 Feb 2024 12:56

Tgt Ion:117 Resp: 5663
 Ion Ratio Lower Upper
 117 100
 201 74.8 59.6 89.4





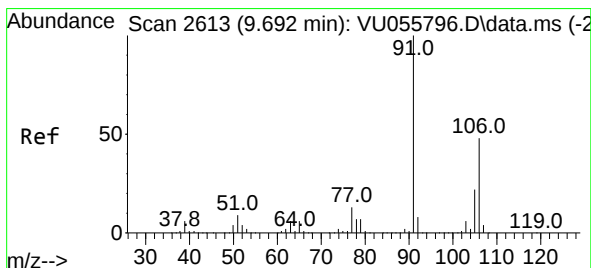
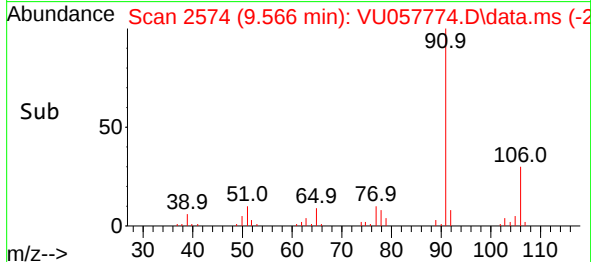
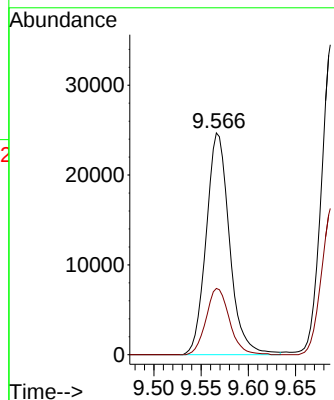
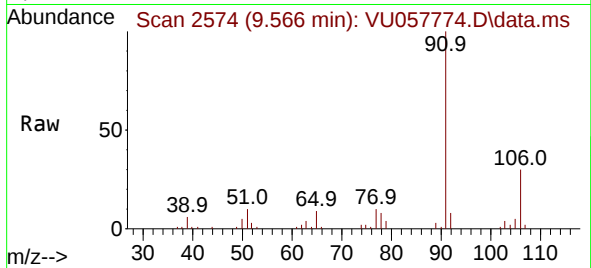
#63
Ethyl Benzene
Concen: 0.696 ug/l
RT: 9.566 min Scan# 2574
Delta R.T. 0.000 min
Lab File: VU057774.D
Acq: 01 Feb 2024 12:56

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

Tgt Ion: 91 Resp: 42384
Ion Ratio Lower Upper
91 100
106 29.9 24.2 36.2

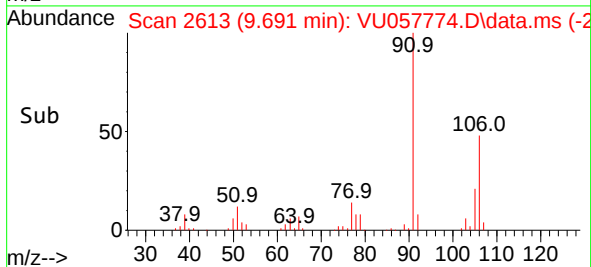
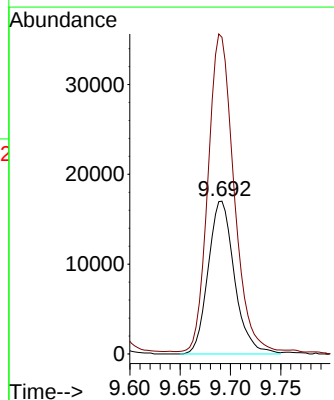
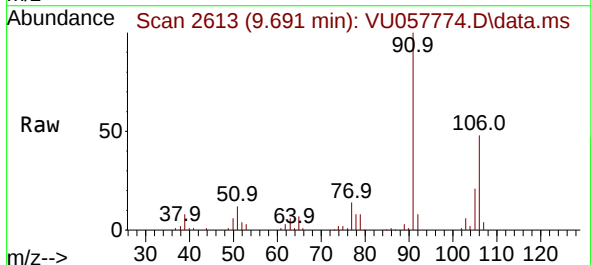
Manual Integrations
APPROVED

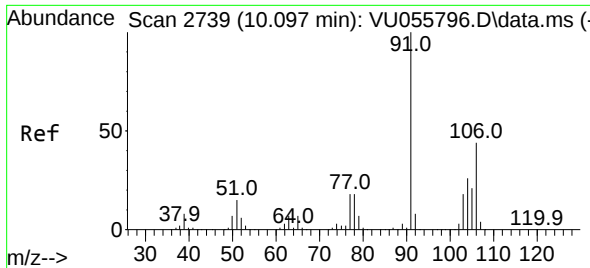
Reviewed By :Semsettin Yesilyurt 02/08/2024
Supervised By :Mahesh Dadoda 02/08/2024



#64
m/p-Xylenes
Concen: 1.400 ug/l
RT: 9.691 min Scan# 2613
Delta R.T. -0.001 min
Lab File: VU057774.D
Acq: 01 Feb 2024 12:56

Tgt Ion:106 Resp: 30960
Ion Ratio Lower Upper
106 100
91 204.4 167.3 250.9





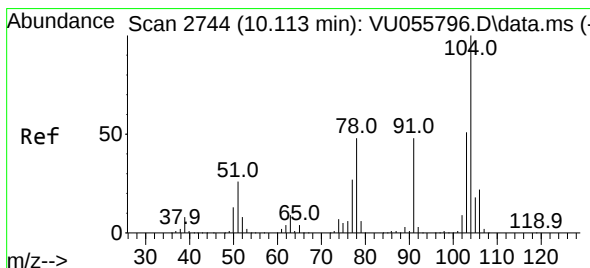
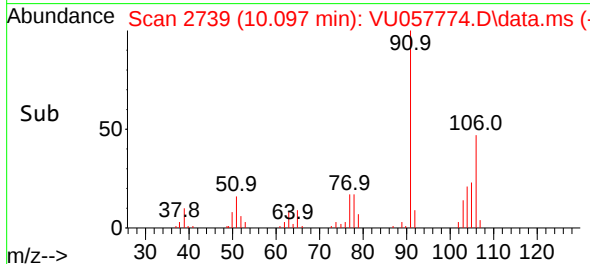
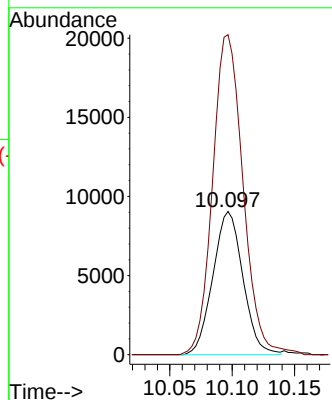
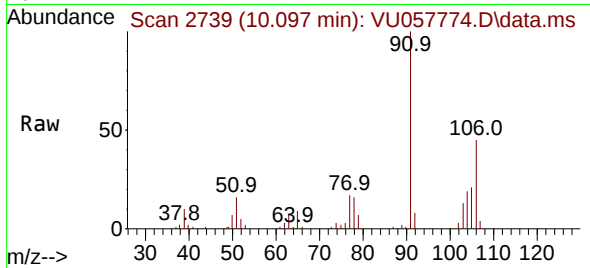
#65
o-Xylene
Concen: 0.694 ug/l
RT: 10.097 min Scan# 2739
Delta R.T. -0.000 min
Lab File: VU057774.D
Acq: 01 Feb 2024 12:56

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

Tgt Ion:106 Resp: 1518
Ion Ratio Lower Upper
106 100
91 226.1 109.3 327.9

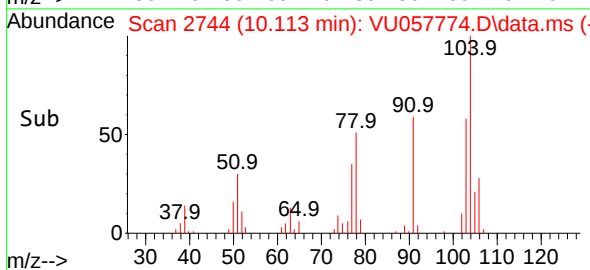
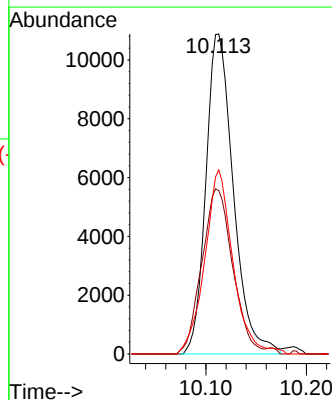
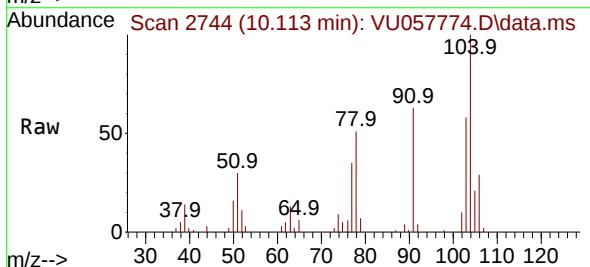
Manual Integrations
APPROVED

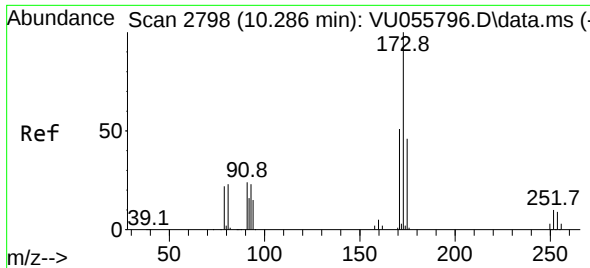
Reviewed By :Semsettin Yesilyurt 02/08/2024
Supervised By :Mahesh Dadoda 02/08/2024



#66
Styrene
Concen: 0.634 ug/l
RT: 10.113 min Scan# 2744
Delta R.T. -0.000 min
Lab File: VU057774.D
Acq: 01 Feb 2024 12:56

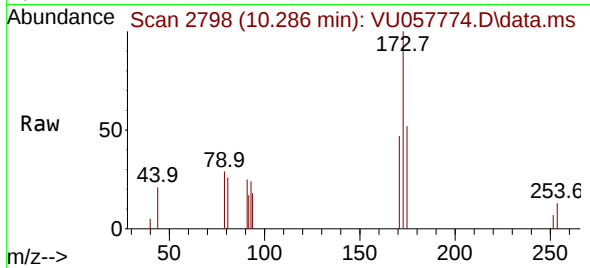
Tgt Ion:104 Resp: 20707
Ion Ratio Lower Upper
104 100
78 57.8 39.7 59.5
103 59.2 44.8 67.2





#67
Bromoform
Concen: 0.676 ug/l
RT: 10.286 min Scan# 2798
Delta R.T. 0.000 min
Lab File: VU057774.D
Acq: 01 Feb 2024 12:56

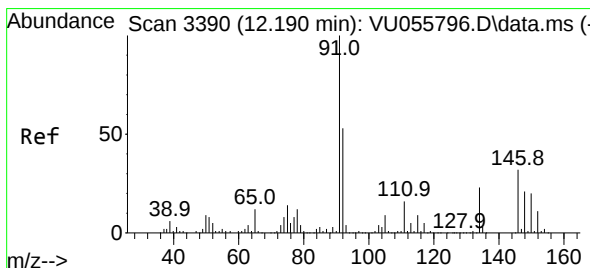
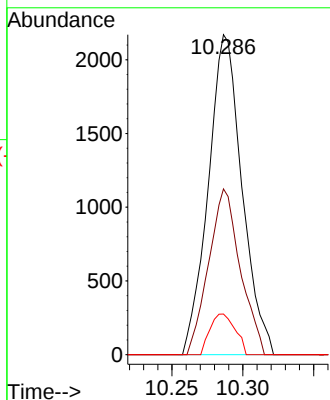
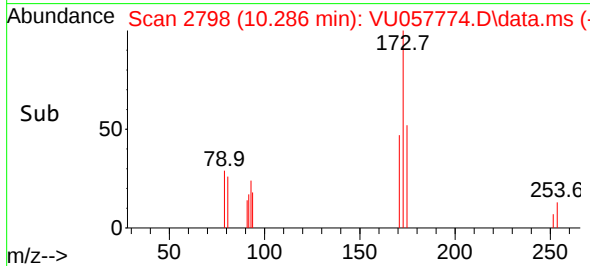
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024



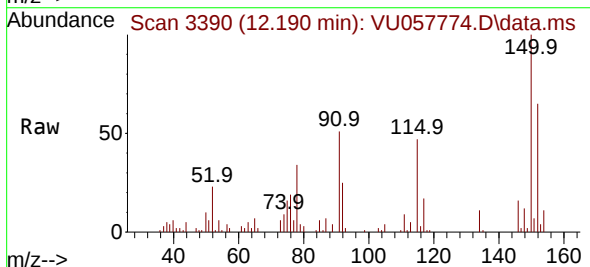
Tgt Ion:173 Resp: 3589
Ion Ratio Lower Upper
173 100
175 48.5 39.0 58.6
254 9.5 7.4 11.0

Manual Integrations
APPROVED

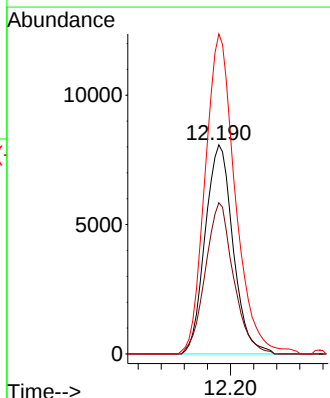
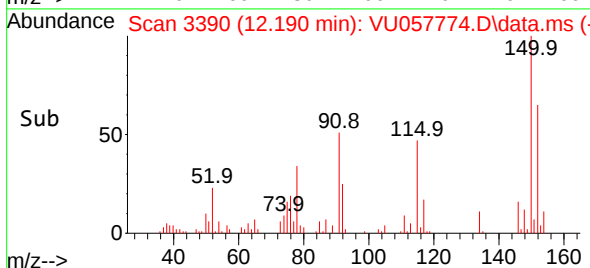
Reviewed By :Semsettin Yesilyurt 02/08/2024
Supervised By :Mahesh Dadoda 02/08/2024

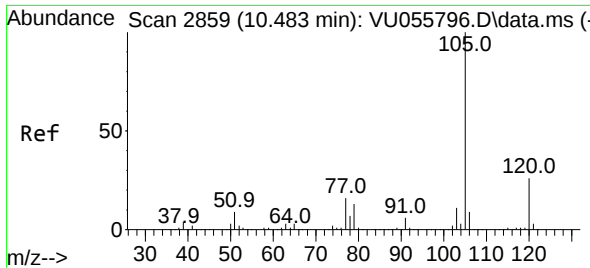


#68
1,2-Dichlorobenzene-d4
Concen: 0.878 ug/l
RT: 12.190 min Scan# 3390
Delta R.T. -0.000 min
Lab File: VU057774.D
Acq: 01 Feb 2024 12:56



Tgt Ion:152 Resp: 13550
Ion Ratio Lower Upper
152 100
115 73.1 0.0 308.8
150 165.1 0.0 635.0





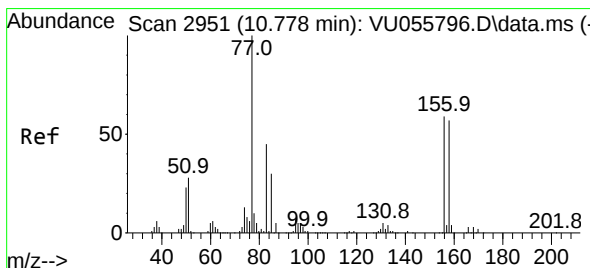
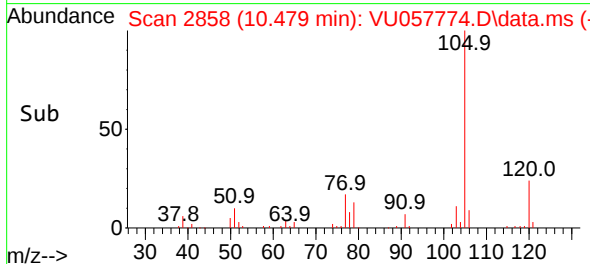
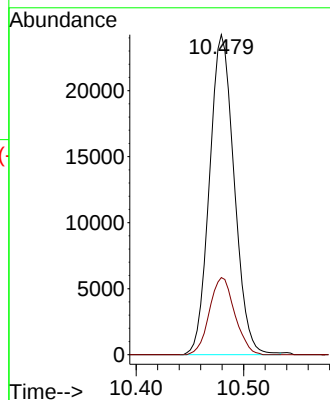
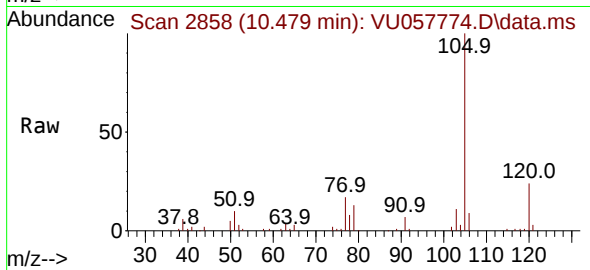
#69
Isopropylbenzene
Concen: 0.675 ug/l
RT: 10.479 min Scan# 2859
Delta R.T. -0.004 min
Lab File: VU057774.D
Acq: 01 Feb 2024 12:56

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

Tgt Ion:105 Resp: 38749
Ion Ratio Lower Upper
105 100
120 24.7 12.8 38.4

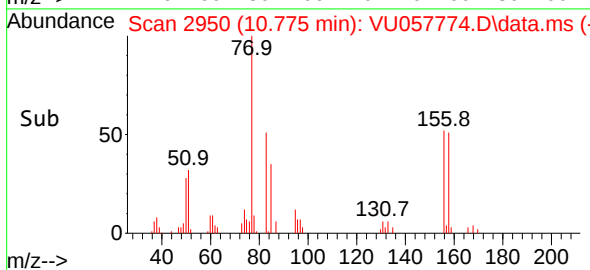
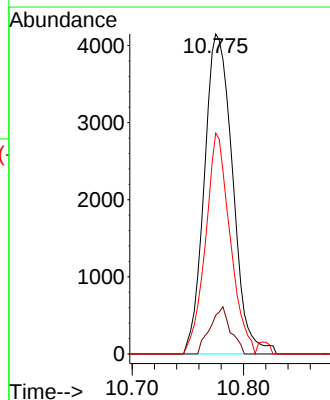
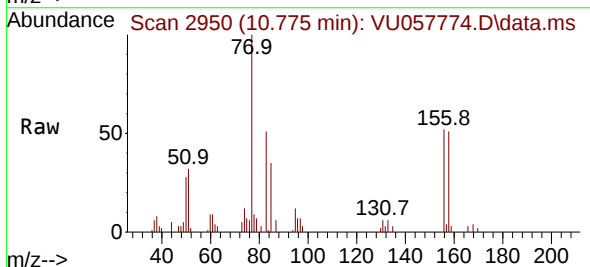
Manual Integrations
APPROVED

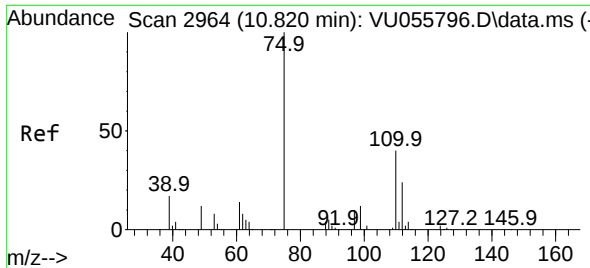
Reviewed By :Semsettin Yesilyurt 02/08/2024
Supervised By :Mahesh Dadoda 02/08/2024



#70
1,1,2,2-Tetrachloroethane
Concen: 0.702 ug/l
RT: 10.775 min Scan# 2950
Delta R.T. -0.003 min
Lab File: VU057774.D
Acq: 01 Feb 2024 12:56

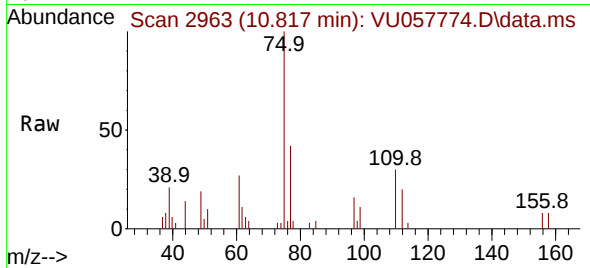
Tgt Ion: 83 Resp: 7322
Ion Ratio Lower Upper
83 100
131 10.7 7.2 10.8
85 60.0 50.5 75.7





#71
1,2,3-Trichloropropane
Concen: 0.725 ug/l m
RT: 10.817 min Scan# 2963
Delta R.T. -0.003 min
Lab File: VU057774.D
Acq: 01 Feb 2024 12:56

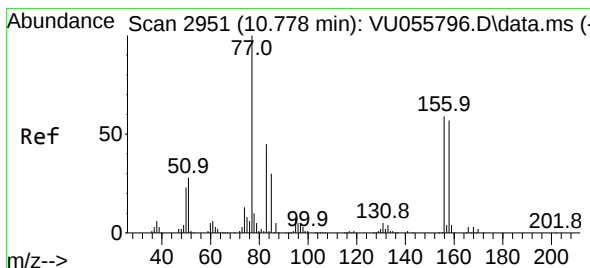
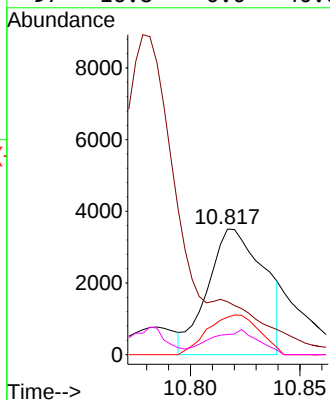
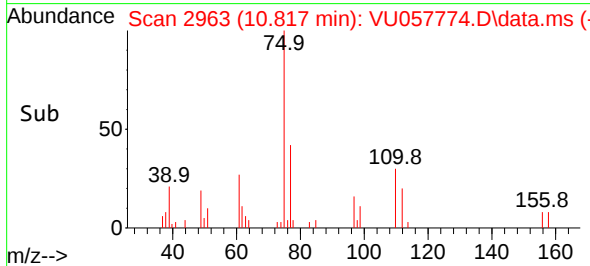
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024



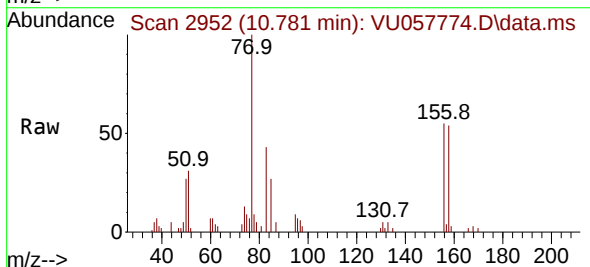
Tgt Ion: 75 Resp: 6244
Ion Ratio Lower Upper
75 100
77 0.0 0.0 116.4
110 29.1 0.0 74.6
97 16.8 0.0 40.0

Manual Integrations
APPROVED

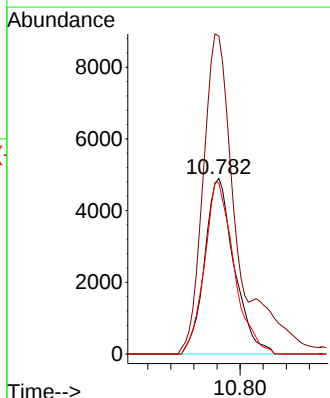
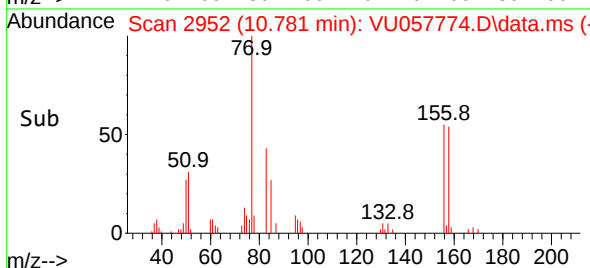
Reviewed By :Semsettin Yesilyurt 02/08/2024
Supervised By :Mahesh Dadoda 02/08/2024

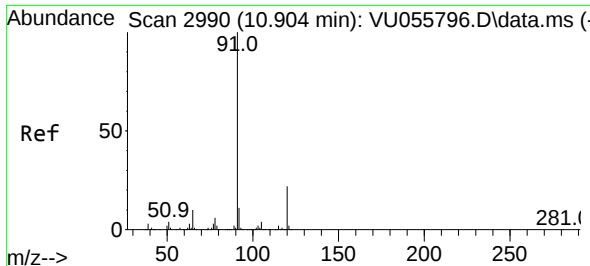


#72
Bromobenzene
Concen: 0.690 ug/l
RT: 10.781 min Scan# 2952
Delta R.T. 0.003 min
Lab File: VU057774.D
Acq: 01 Feb 2024 12:56



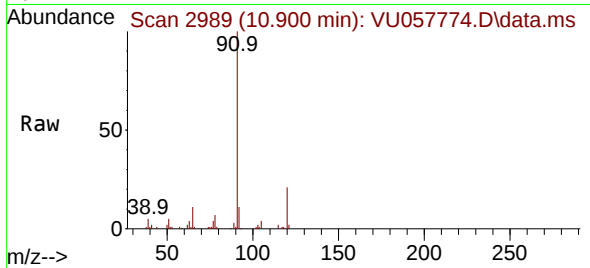
Tgt Ion:156 Resp: 8709
Ion Ratio Lower Upper
156 100
77 178.7 0.0 343.0
158 97.8 0.0 194.8





#73
n-propylbenzene
Concen: 0.700 ug/l
RT: 10.900 min Scan# 2990
Delta R.T. -0.004 min
Lab File: VU057774.D
Acq: 01 Feb 2024 12:56

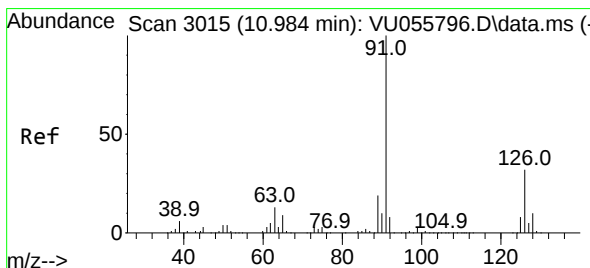
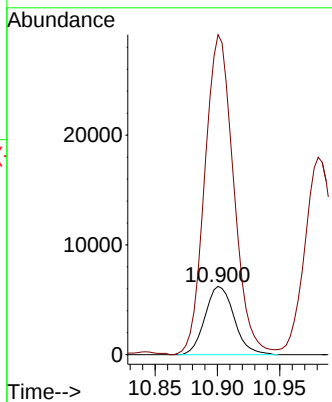
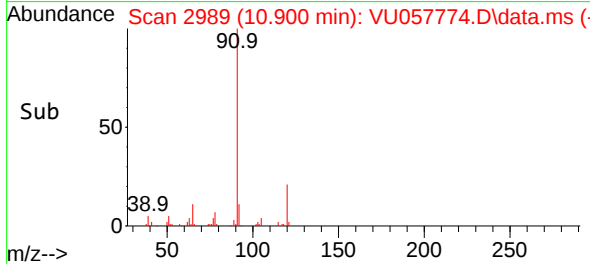
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024



Tgt Ion:120 Resp: 10085
Ion Ratio Lower Upper
120 100
91 466.0 369.8 554.6

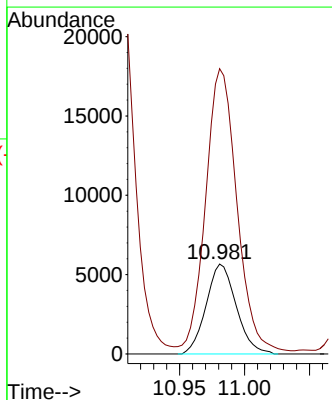
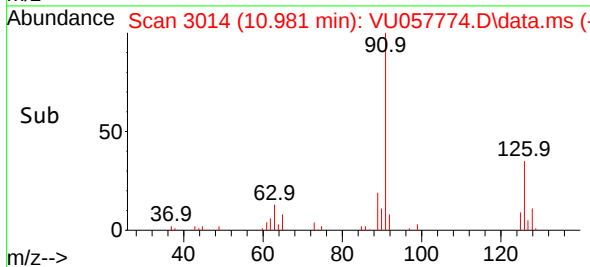
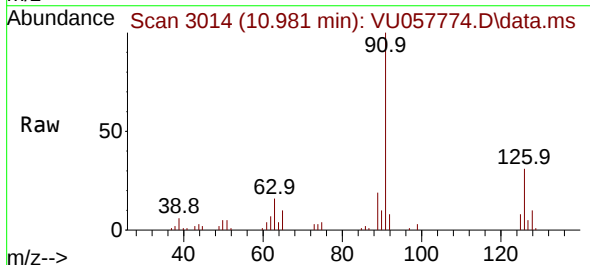
Manual Integrations
APPROVED

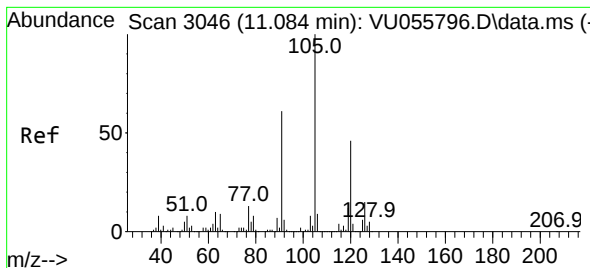
Reviewed By :Semsettin Yesilyurt 02/08/2024
Supervised By :Mahesh Dadoda 02/08/2024



#74
2-Chlorotoluene
Concen: 0.681 ug/l
RT: 10.981 min Scan# 3014
Delta R.T. -0.003 min
Lab File: VU057774.D
Acq: 01 Feb 2024 12:56

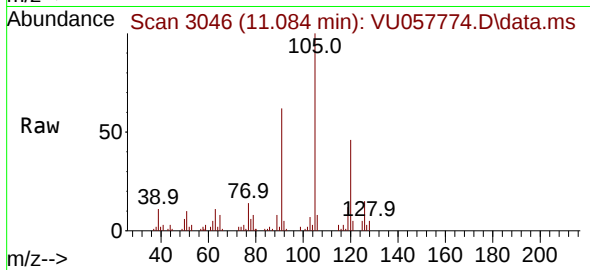
Tgt Ion:126 Resp: 9111
Ion Ratio Lower Upper
126 100
91 326.2 0.0 610.0





#75
1,3,5-Trimethylbenzene
Concen: 0.693 ug/l
RT: 11.084 min Scan# 3046
Delta R.T. -0.000 min
Lab File: VU057774.D
Acq: 01 Feb 2024 12:56

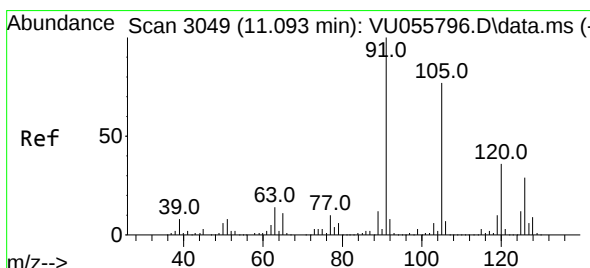
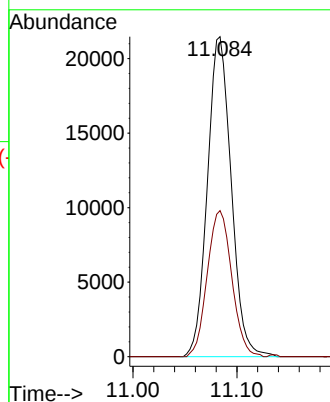
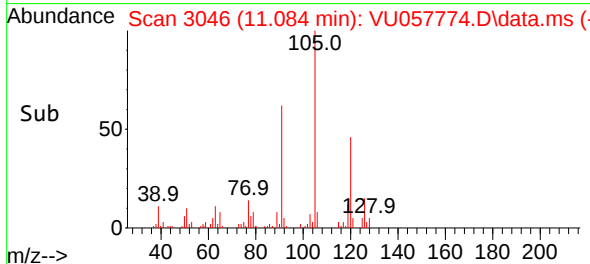
Instrument : MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024



Tgt Ion:105 Resp: 3414
Ion Ratio Lower Upper
105 100
120 47.0 37.8 56.8

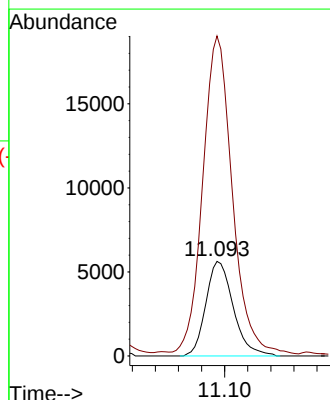
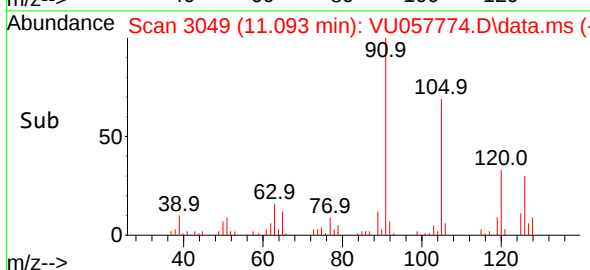
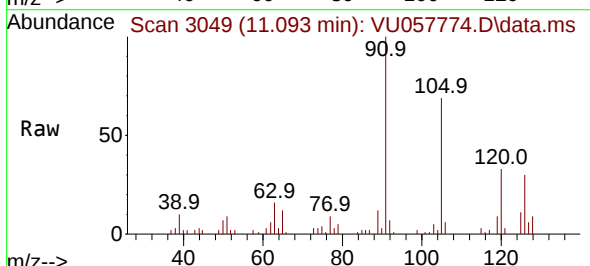
Manual Integrations
APPROVED

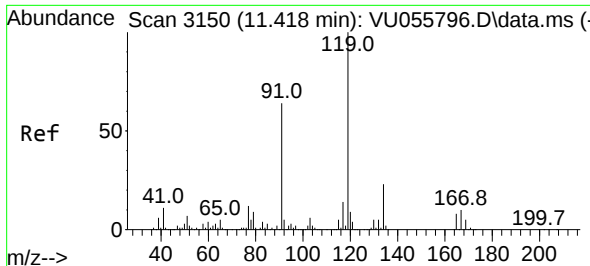
Reviewed By :Semsettin Yesilyurt 02/08/2024
Supervised By :Mahesh Dadoda 02/08/2024



#76
4-Chlorotoluene
Concen: 0.691 ug/l
RT: 11.093 min Scan# 3049
Delta R.T. 0.000 min
Lab File: VU057774.D
Acq: 01 Feb 2024 12:56

Tgt Ion:126 Resp: 9284
Ion Ratio Lower Upper
126 100
91 362.1 0.0 686.2





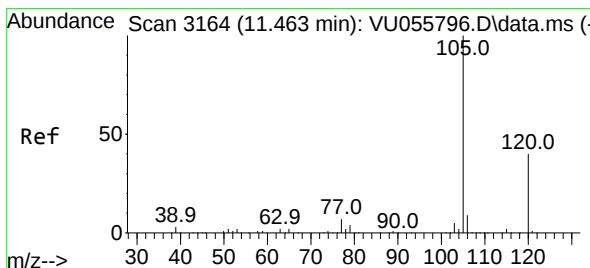
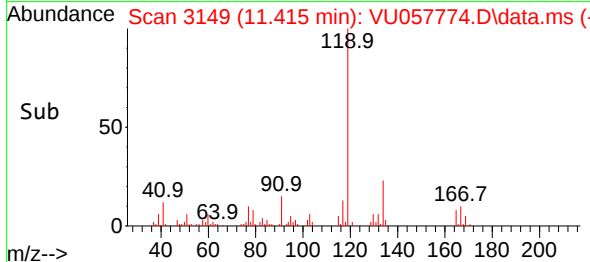
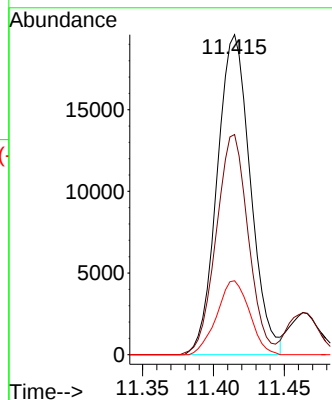
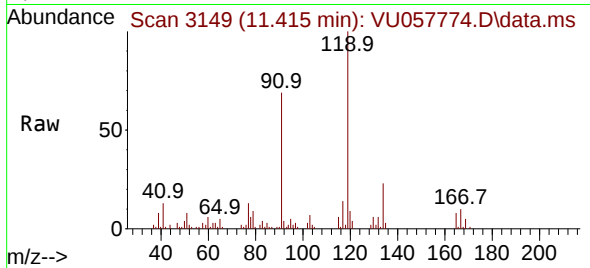
#77
tert-Butylbenzene
Concen: 0.693 ug/l
RT: 11.415 min Scan# 3149
Delta R.T. -0.003 min
Lab File: VU057774.D
Acq: 01 Feb 2024 12:56

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

Tgt Ion:119 Resp: 3205
Ion Ratio Lower Upper
119 100
91 66.3 30.8 92.4
134 22.7 18.0 27.0

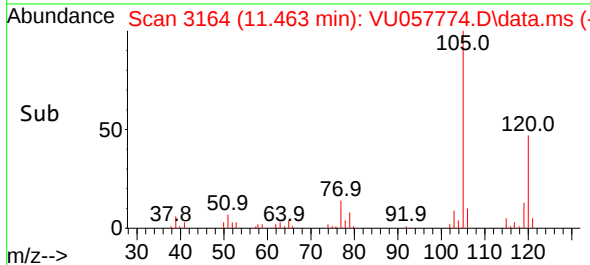
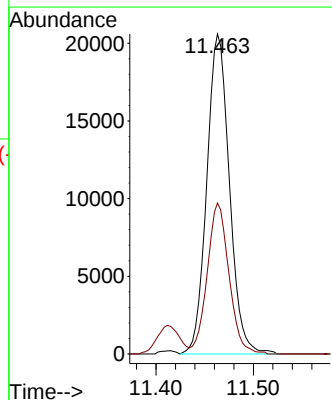
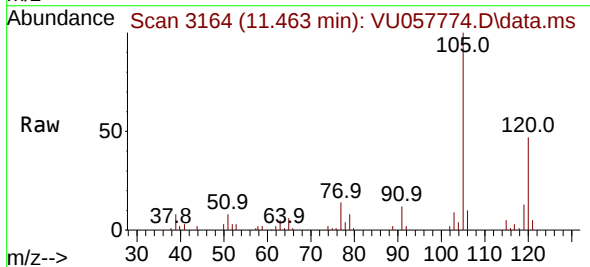
Manual Integrations
APPROVED

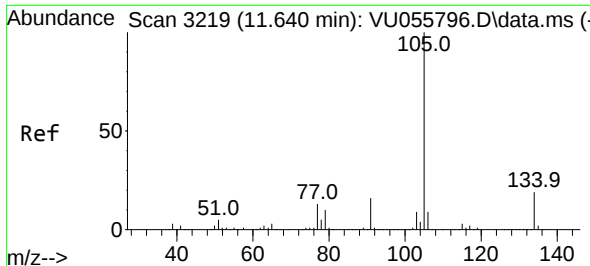
Reviewed By :Semsettin Yesilyurt 02/08/2024
Supervised By :Mahesh Dadoda 02/08/2024



#78
1,2,4-Trimethylbenzene
Concen: 0.665 ug/l
RT: 11.463 min Scan# 3164
Delta R.T. 0.000 min
Lab File: VU057774.D
Acq: 01 Feb 2024 12:56

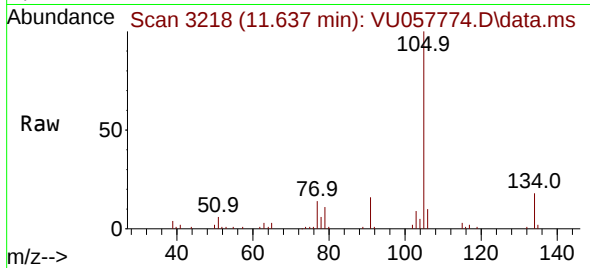
Tgt Ion:105 Resp: 33217
Ion Ratio Lower Upper
105 100
120 45.3 21.9 65.8





#79
 sec-Butylbenzene
 Concen: 0.736 ug/l
 RT: 11.637 min Scan# 311
 Delta R.T. -0.003 min
 Lab File: VU057774.D
 Acq: 01 Feb 2024 12:56

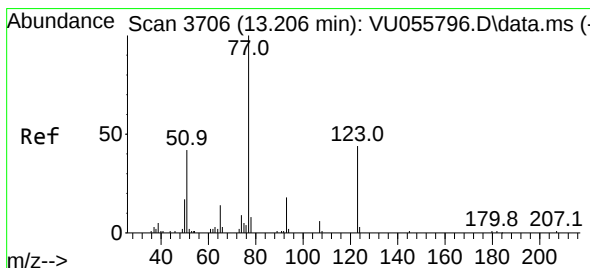
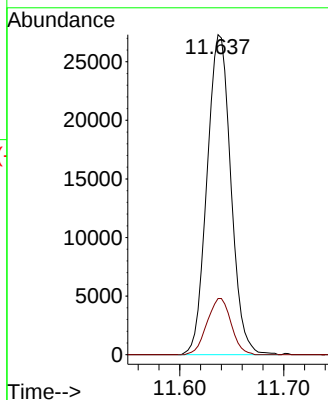
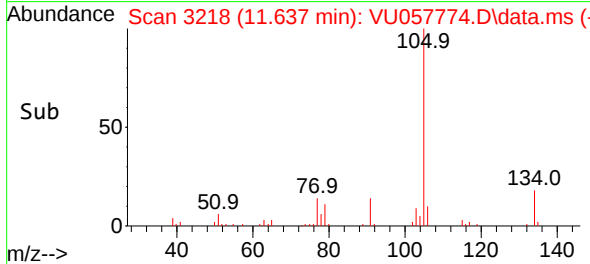
Instrument :
 MSVOA_U
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2024



Tgt Ion:105 Resp: 4348
 Ion Ratio Lower Upper
 105 100
 134 17.7 14.9 22.3

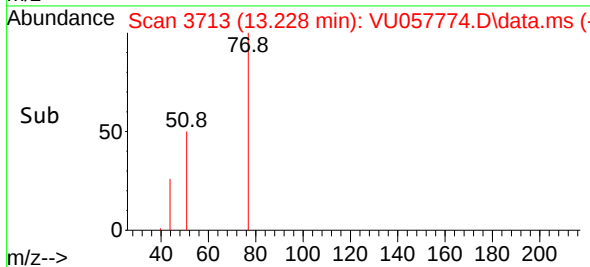
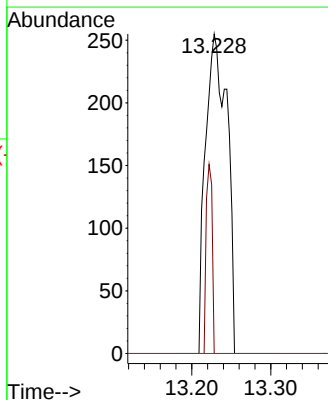
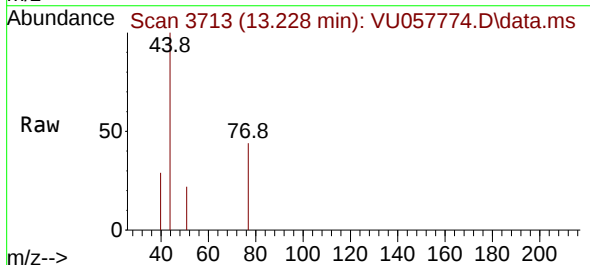
Manual Integrations
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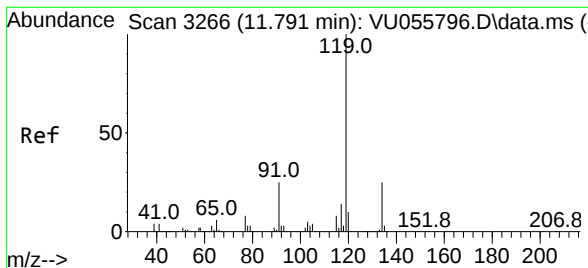
Reviewed By :Semsettin Yesilyurt 02/08/2024
 Supervised By :Mahesh Dadoda 02/08/2024



#80
 Nitrobenzene
 Concen: 2.356 ug/l m
 RT: 13.228 min Scan# 3713
 Delta R.T. 0.022 min
 Lab File: VU057774.D
 Acq: 01 Feb 2024 12:56

Tgt Ion: 77 Resp: 482
 Ion Ratio Lower Upper
 77 100
 123 16.4 19.7 69.7#
 65 0.0 11.5 14.7#





#81

p-Isopropyltoluene

Concen: 0.687 ug/l

RT: 11.788 min Scan# 3265

Delta R.T. -0.003 min

Lab File: VU057774.D

Acq: 01 Feb 2024 12:56

Instrument :

MSVOA_U

ClientSampleId :

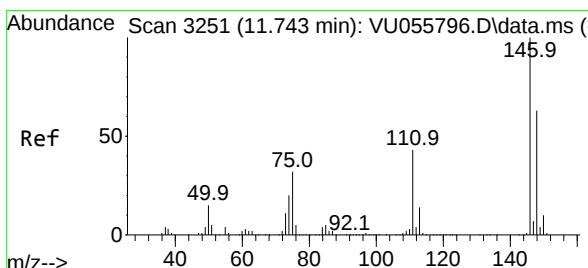
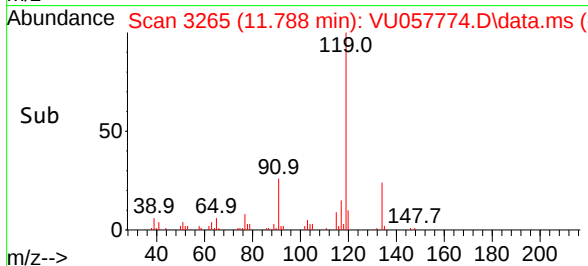
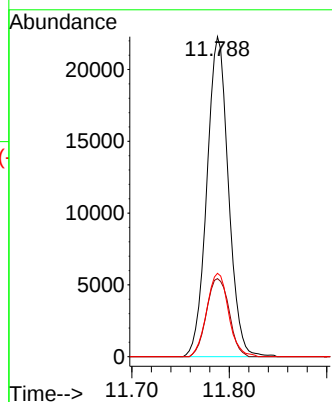
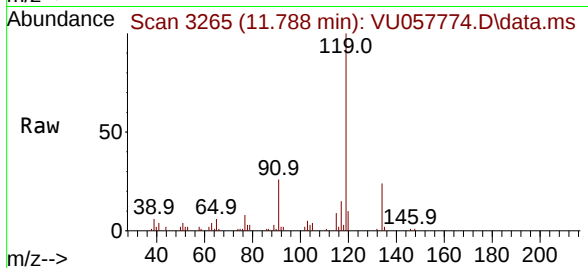
LOD-MDL-WATER-01-QT1-2024

Tgt Ion:	119	Resp:	34210
Ion Ratio	Lower	Upper	
119	100		
134	25.6	20.2	30.4
91	26.4	19.3	28.9

Manual Integrations

APPROVED

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



#82

1,3-Dichlorobenzene

Concen: 0.678 ug/l

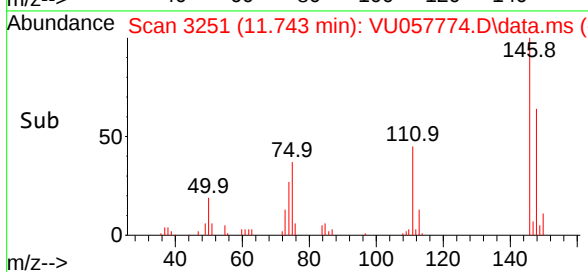
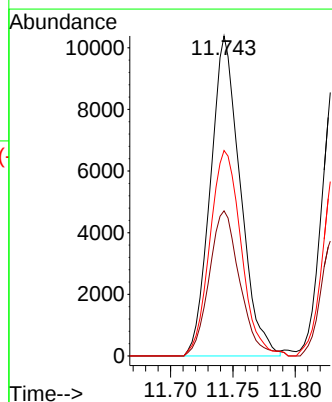
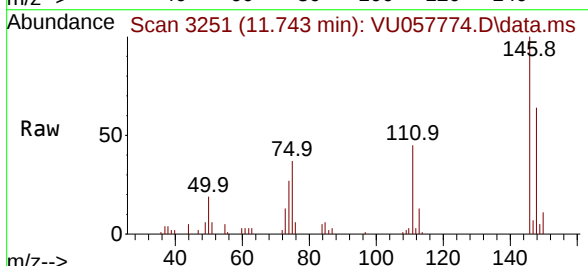
RT: 11.743 min Scan# 3251

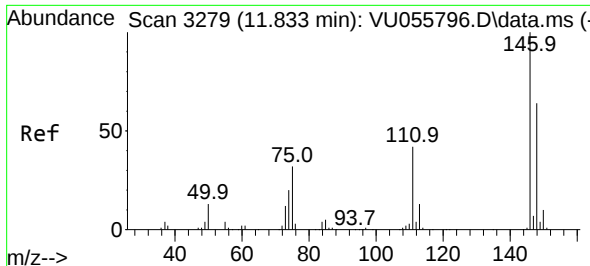
Delta R.T. -0.000 min

Lab File: VU057774.D

Acq: 01 Feb 2024 12:56

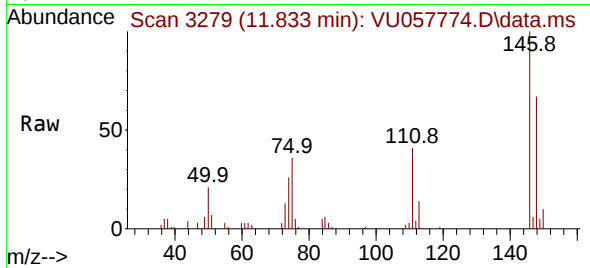
Tgt Ion:	146	Resp:	17297
Ion Ratio	Lower	Upper	
146	100		
111	46.5	32.6	49.0
148	67.2	51.0	76.4





#83
1,4-Dichlorobenzene
Concen: 0.723 ug/l
RT: 11.833 min Scan# 3279
Delta R.T. -0.000 min
Lab File: VU057774.D
Acq: 01 Feb 2024 12:56

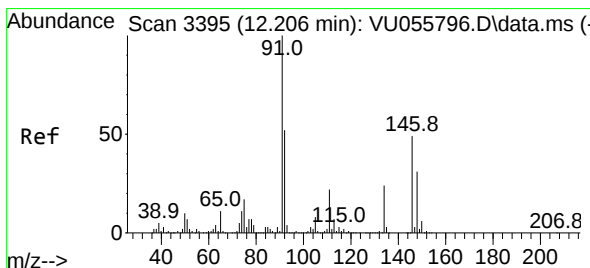
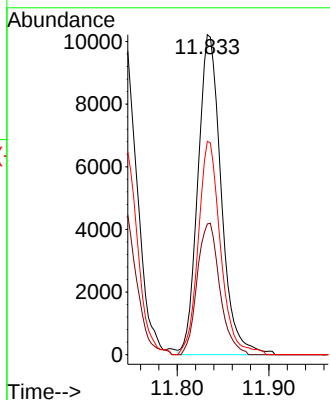
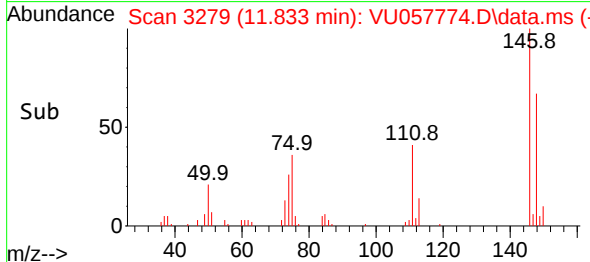
Instrument : MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024



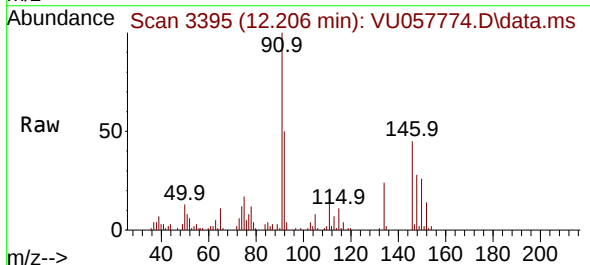
Tgt Ion:146 Resp: 1801
Ion Ratio Lower Upper
146 100
111 39.9 31.6 47.4
148 63.9 50.3 75.5

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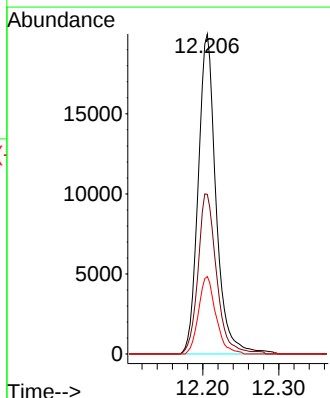
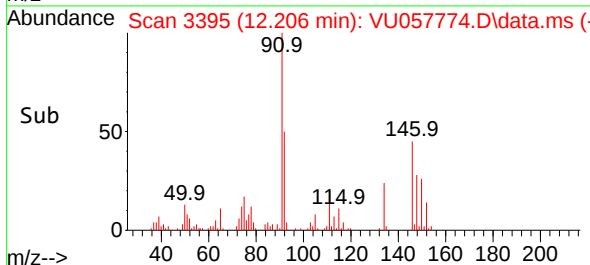
Reviewed By :Semsettin Yesilyurt 02/08/2024
Supervised By :Mahesh Dadoda 02/08/2024

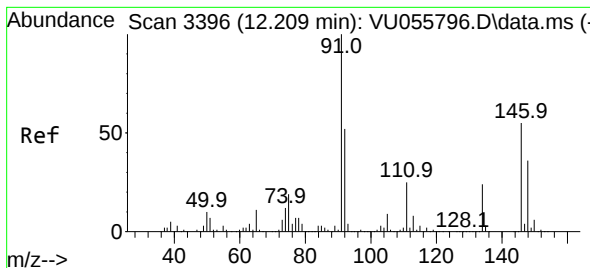


#84
n-Butylbenzene
Concen: 0.683 ug/l
RT: 12.206 min Scan# 3395
Delta R.T. -0.000 min
Lab File: VU057774.D
Acq: 01 Feb 2024 12:56



Tgt Ion: 91 Resp: 32542
Ion Ratio Lower Upper
91 100
92 52.0 40.8 61.2
134 23.5 18.4 27.6





#85

1,2-Dichlorobenzene

Concen: 0.711 ug/l

RT: 12.209 min Scan# 3396

Delta R.T. 0.000 min

Lab File: VU057774.D

Acq: 01 Feb 2024 12:56

Instrument :

MSVOA_U

ClientSampleId :

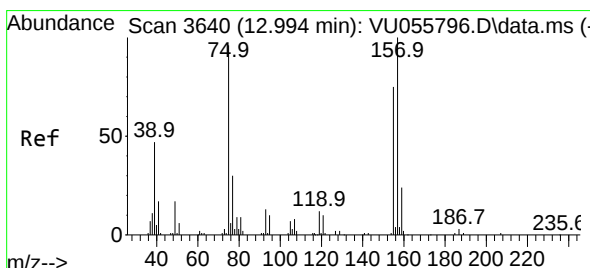
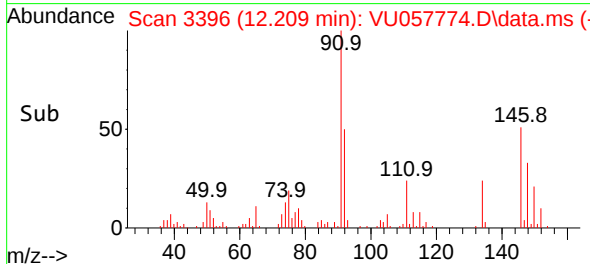
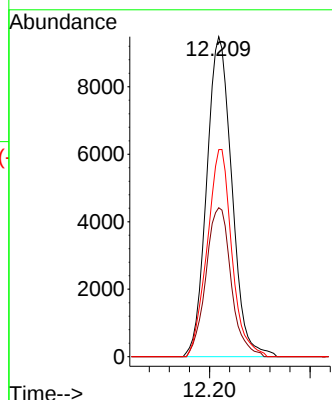
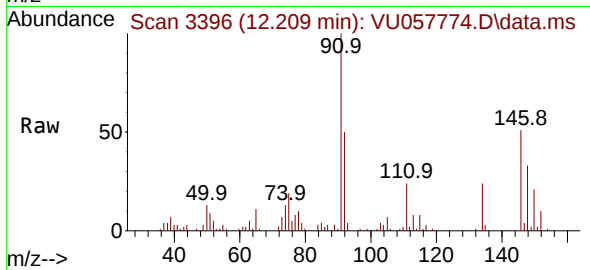
LOD-MDL-WATER-01-QT1-2024

Tgt Ion:	146	Resp:	16460
Ion Ratio	Lower	Upper	
146	100		
111	46.7	21.6	64.6
148	63.5	32.1	96.5

Manual Integrations

APPROVED

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



#86

1,2-Dibromo-3-Chloropropane

Concen: 0.592 ug/l

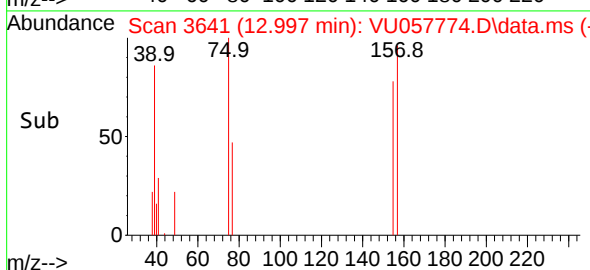
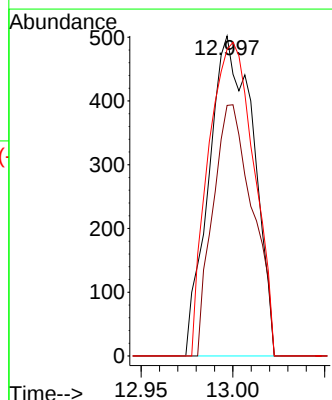
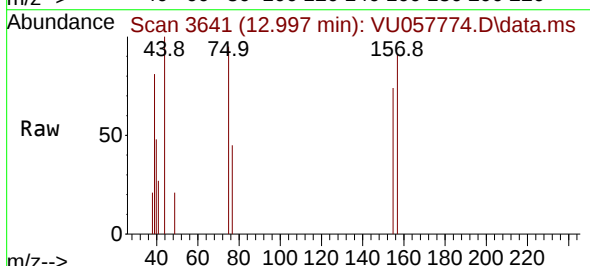
RT: 12.997 min Scan# 3641

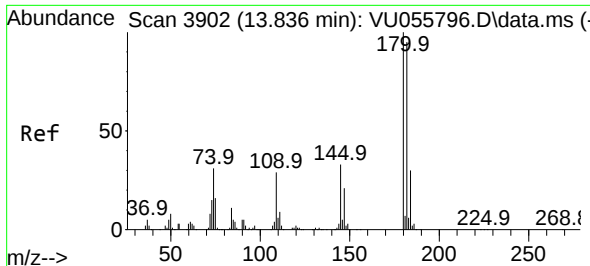
Delta R.T. 0.003 min

Lab File: VU057774.D

Acq: 01 Feb 2024 12:56

Tgt Ion:	75	Resp:	846
Ion Ratio	Lower	Upper	
75	100		
155	70.3	61.8	92.8
157	100.0	80.2	120.4





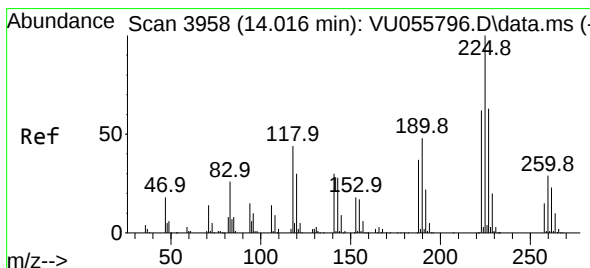
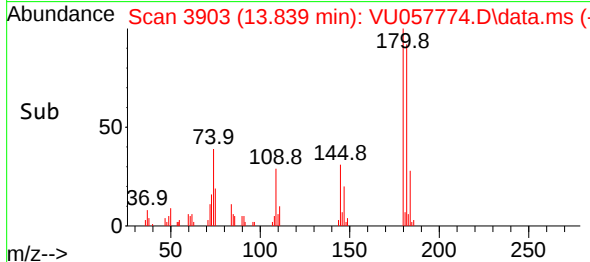
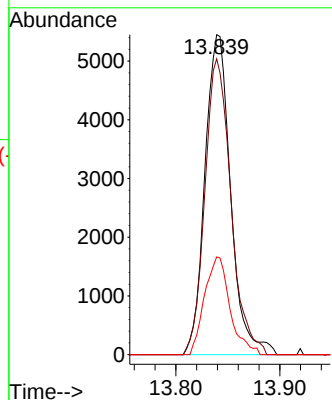
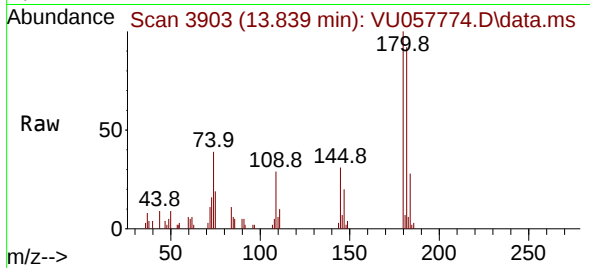
#87
1,2,4-Trichlorobenzene
Concen: 0.677 ug/l
RT: 13.839 min Scan# 3902
Delta R.T. 0.003 min
Lab File: VU057774.D
Acq: 01 Feb 2024 12:56

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

Tgt Ion:180 Resp: 937
Ion Ratio Lower Upper
180 100
182 93.5 75.8 113.6
145 30.2 23.9 35.9

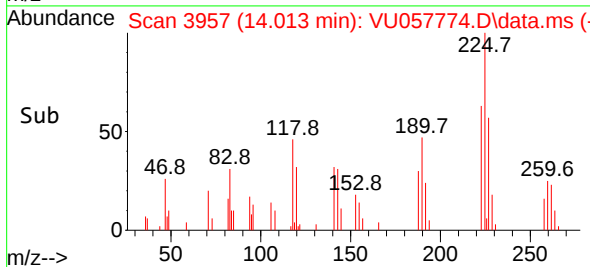
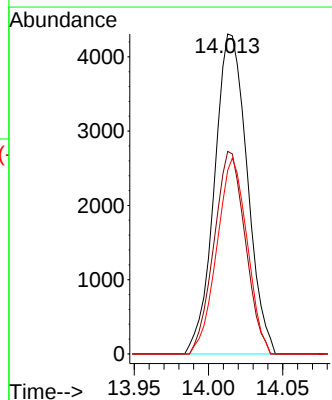
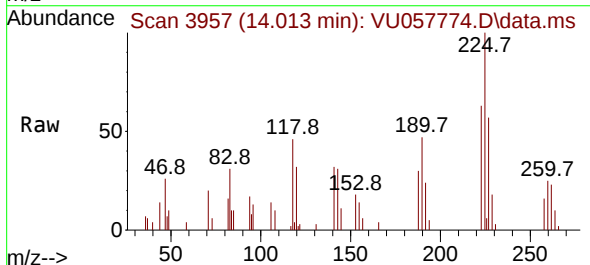
Manual Integrations
APPROVED

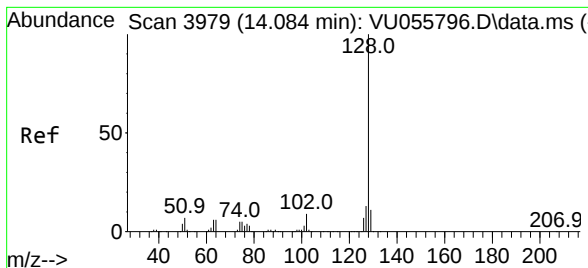
Reviewed By :Semsettin Yesilyurt 02/08/2024
Supervised By :Mahesh Dadoda 02/08/2024



#88
Hexachlorobutadiene
Concen: 0.745 ug/l
RT: 14.013 min Scan# 3957
Delta R.T. -0.003 min
Lab File: VU057774.D
Acq: 01 Feb 2024 12:56

Tgt Ion:225 Resp: 6614
Ion Ratio Lower Upper
225 100
223 60.3 50.2 75.4
227 56.5 51.5 77.3





#89

Naphthalene

Concen: 0.636 ug/l

RT: 14.090 min Scan# 3979

Delta R.T. 0.006 min

Lab File: VU057774.D

Acq: 01 Feb 2024 12:56

Instrument :

MSVOA_U

ClientSampleId :

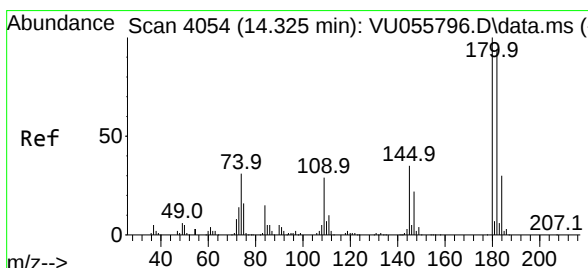
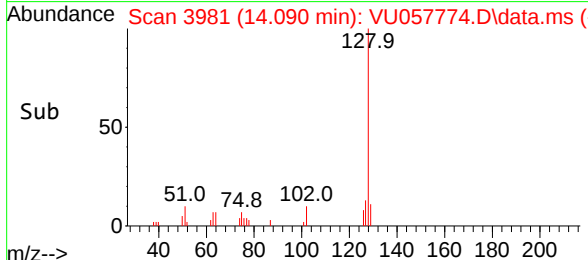
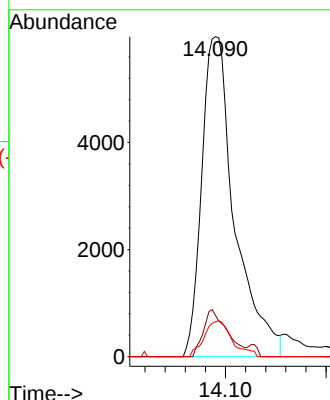
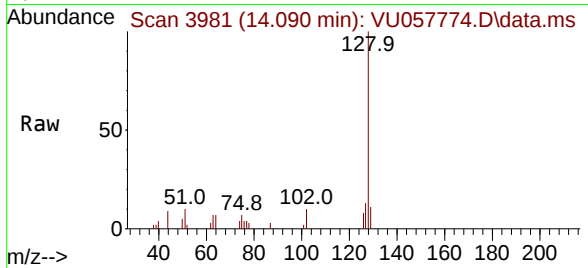
LOD-MDL-WATER-01-QT1-2024

Tgt Ion:128	Resp:	13579
Ion Ratio	Lower	Upper
128	100	
127	10.7	10.9 16.3
129	9.4	8.6 12.8

Manual Integrations

APPROVED

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



#90

1,2,3-Trichlorobenzene

Concen: 0.651 ug/l

RT: 14.331 min Scan# 4056

Delta R.T. 0.006 min

Lab File: VU057774.D

Acq: 01 Feb 2024 12:56

Tgt Ion:180	Resp:	7497
Ion Ratio	Lower	Upper
180	100	
182	98.7	75.7 113.5
145	35.4	26.1 39.1

