

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020124\
 Data File : VU057778.D
 Acq On : 01 Feb 2024 15:07
 Operator : MD/SY
 Sample : P1187-08
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 LOQ-WATER-02-QT1-2024

Quant Time: Feb 02 01:22:57 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	43519	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.634	95	15036	0.912	ug/l	0.00
Spiked Amount 1.000			Recovery	=	91.000%	
68) 1,2-Dichlorobenzene-d4	12.190	152	13186	0.889	ug/l	0.00
Spiked Amount 1.000			Recovery	=	89.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.383	85	13095	0.904	ug/l	96
3) Chloromethane	1.518	50	12884	0.927	ug/l	97
4) Vinyl Chloride	1.602	62	13223	0.933	ug/l	97
5) Bromomethane	1.856	94	8331	0.990	ug/l	96
6) Chloroethane	1.933	64	8406	0.939	ug/l	96
7) Trichlorofluoromethane	2.136	101	19498	0.898	ug/l	97
8) 1,1,2-Trichloro-1,2,2-...	2.576	101	10400	0.932	ug/l	99
9) 1,1-Dichloroethene	2.573	96	10220	0.945	ug/l	84
10) Iodomethane	2.718	142	11748	0.916	ug/l	98
11) Allyl Chloride	2.917	41	14154	0.965	ug/l	91
12) Acrylonitrile	3.341	53	3387	1.835	ug/l	# 91
13) Acetone	2.650	43	16887	5.055	ug/l	91
14) Carbon Disulfide	2.788	76	31774	0.918	ug/l	99
15) Methylene Chloride	3.039	84	13148	1.018	ug/l	92
16) trans-1,2-Dichloroethene	3.348	96	11095	0.940	ug/l	88
17) 1,1-Dichloroethane	3.859	63	20771	0.932	ug/l	98
18) 2-Butanone	4.727	43	14221	3.950	ug/l	95
19) Cyclohexane	5.383	56	15657	0.896	ug/l	83
20) Methylcyclohexane	6.756	83	18501	0.876	ug/l	96
21) 2,2-Dichloropropane	4.660	77	17814	0.900	ug/l	98
22) cis-1,2-Dichloroethene	4.663	96	12062	0.933	ug/l	97
23) Diethyl Ether	2.374	59	7219	0.925	ug/l	92
24) tert-Butyl Alcohol	3.303	59	9182m	10.348	ug/l	
25) Methyl tert-Butyl Ether	3.357	73	23965	0.944	ug/l	93
26) Bromochloromethane	4.971	128	4265	0.821	ug/l	91
27) Chloroform	5.084	83	22470	0.970	ug/l	99
28) 1,1,1-Trichloroethane	5.309	97	19098	0.913	ug/l	98
29) 1,1-Dichloropropene	5.525	75	15639	0.924	ug/l	97
30) Carbon Tetrachloride	5.518	117	15983	0.886	ug/l	94
31) Isopropyl Ether	3.984	45	31441	0.964	ug/l	93
32) Ethyl-t-butyl ether	4.492	59	29198	0.964	ug/l	100
33) Tert-Amyl methyl ether	5.933	73	23583	0.925	ug/l	98
34) Propionitrile	4.827	54	2596m	3.479	ug/l	
35) Benzene	5.769	78	45483	0.933	ug/l	95
36) 1,2-Dichloroethane	5.791	62	13368	0.941	ug/l	97
37) Trichloroethene	6.537	130	12510	0.966	ug/l	99
38) 1,2-Dichloropropane	6.785	63	11650	0.922	ug/l	96
39) Methacrylonitrile	4.988	41	2467m	0.829	ug/l	
40) Methyl acrylate	4.872	55	4197m	0.937	ug/l	
41) Tetrahydrofuran	5.074	42	2679	1.687	ug/l	95
42) 1-Chlorobutane	5.454	56	21419	0.960	ug/l	95
43) Dibromomethane	6.914	93	5672	0.976	ug/l	88
44) Bromodichloromethane	7.100	83	14748	0.906	ug/l	98

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 LOQ-WATER-02-QT1-2024

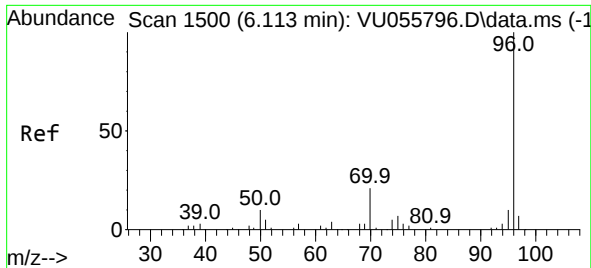
Quant Time: Feb 02 01:22:57 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U013124DW.M
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.788	43	27715	4.474	ug/l	97
46) t-1,4-Dichloro-2-butene	10.836	75	2626m	1.866	ug/l	
47) Methyl methacrylate	6.965	69	8670	1.688	ug/l #	87
48) Ethyl methacrylate	8.331	69	8436	0.820	ug/l	88
49) Toluene	7.965	92	26696	0.897	ug/l	100
50) t-1,3-Dichloropropene	8.209	75	11689	0.832	ug/l	97
51) cis-1,3-Dichloropropene	7.605	75	15932	0.895	ug/l	94
52) 1,1,2-Trichloroethane	8.396	97	7278	0.909	ug/l	98
53) 1,3-Dichloropropane	8.573	76	13290	0.923	ug/l	98
54) 2-Hexanone	8.688	43	24801	4.349	ug/l	92
55) Dibromochloromethane	8.804	129	8810	0.889	ug/l	97
56) 1,2-Dibromoethane	8.920	107	6804	0.923	ug/l	97
58) Tetrachloroethene	8.550	164	10817	0.947	ug/l	94
59) Chlorobenzene	9.444	112	30152	0.916	ug/l	100
60) 1,1,1,2-Tetrachloroethane	9.528	131	9597	0.859	ug/l	97
61) Pentachloroethane	11.421	117	6978	0.859	ug/l	95
62) Hexachloroethane	12.470	117	6744	0.761	ug/l	95
63) Ethyl Benzene	9.566	91	51148	0.874	ug/l	99
64) m/p-Xylenes	9.688	106	37549	1.766	ug/l	97
65) o-Xylene	10.097	106	18084	0.859	ug/l	94
66) Styrene	10.113	104	26001	0.828	ug/l	93
67) Bromoform	10.290	173	4182	0.820	ug/l	94
69) Isopropylbenzene	10.479	105	46747	0.847	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.778	83	8785	0.875	ug/l	97
71) 1,2,3-Trichloropropane	10.820	75	7490m	0.904	ug/l	
72) Bromobenzene	10.782	156	11120	0.916	ug/l	88
73) n-propylbenzene	10.900	120	14863	1.072	ug/l	96
74) 2-Chlorotoluene	10.981	126	11577	0.900	ug/l	95
75) 1,3,5-Trimethylbenzene	11.084	105	41412	0.874	ug/l	100
76) 4-Chlorotoluene	11.097	126	11348	0.878	ug/l	94
77) tert-Butylbenzene	11.415	119	38748	0.871	ug/l	98
78) 1,2,4-Trimethylbenzene	11.463	105	41601	0.865	ug/l	97
79) sec-Butylbenzene	11.637	105	50479	0.888	ug/l	99
80) Nitrobenzene	13.235	77	698	3.547	ug/l #	57
81) p-Isopropyltoluene	11.788	119	42126	0.879	ug/l	98
82) 1,3-Dichlorobenzene	11.743	146	20745	0.845	ug/l	97
83) 1,4-Dichlorobenzene	11.833	146	20965	0.875	ug/l	97
84) n-Butylbenzene	12.206	91	38980	0.850	ug/l	100
85) 1,2-Dichlorobenzene	12.209	146	19897	0.893	ug/l	98
86) 1,2-Dibromo-3-Chloropr...	12.997	75	1251	0.911	ug/l #	78
87) 1,2,4-Trichlorobenzene	13.839	180	10678	0.802	ug/l	99
88) Hexachlorobutadiene	14.016	225	7409	0.868	ug/l	98
89) Naphthalene	14.090	128	15202	0.740	ug/l	96
90) 1,2,3-Trichlorobenzene	14.328	180	9010	0.814	ug/l	98

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



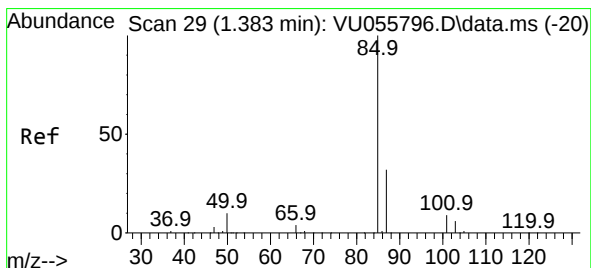
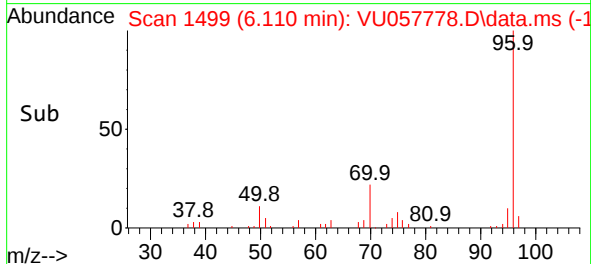
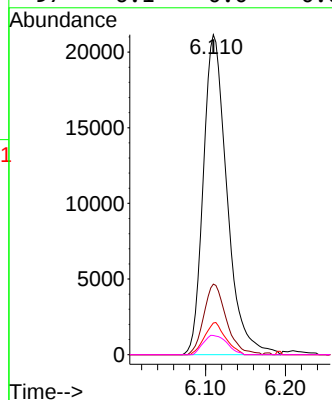
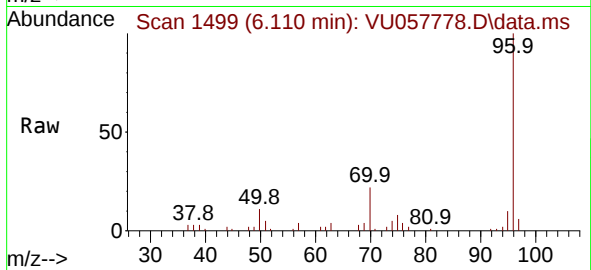
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Fluorobenzene
Concen: 1.000 ug/l
RT: 6.110 min Scan# 14
Delta R.T. -0.003 min
Lab File: VU057778.D
Acq: 01 Feb 2024 15:07

Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT1-2024

Tgt Ion: 96	Resp: 43519
Ion Ratio	Lower Upper
96 100	
70 21.0	16.5 24.7
95 8.9	7.4 11.0
97 6.1	0.0 0.0#

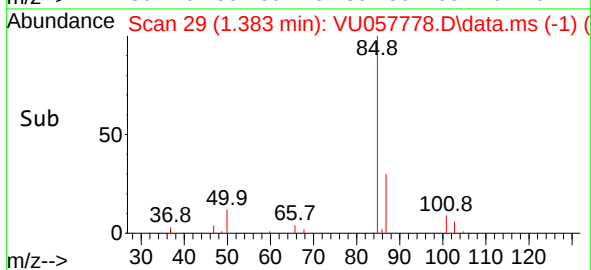
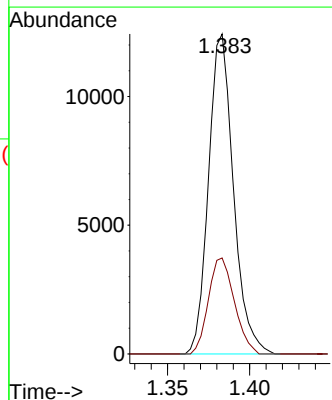
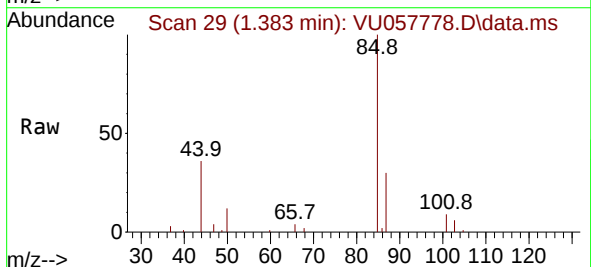
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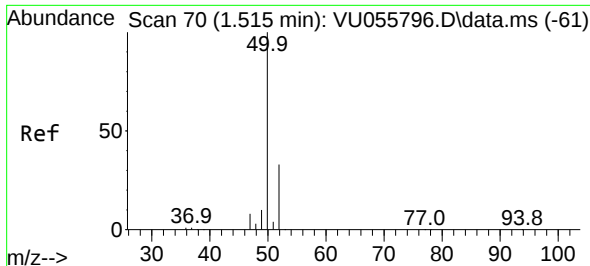
Reviewed By :Semsettin Yesilyurt 02/08/2024
Supervised By :Mahesh Dadoda 02/08/2024



#2
Dichlorodifluoromethane
Concen: 0.904 ug/l
RT: 1.383 min Scan# 29
Delta R.T. 0.000 min
Lab File: VU057778.D
Acq: 01 Feb 2024 15:07

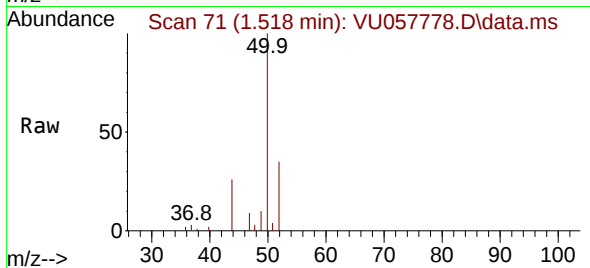
Tgt Ion: 85	Resp: 13095
Ion Ratio	Lower Upper
85 100	
87 30.0	16.2 48.6





#3
Chloromethane
Concen: 0.927 ug/l
RT: 1.518 min Scan# 71
Delta R.T. 0.003 min
Lab File: VU057778.D
Acq: 01 Feb 2024 15:07

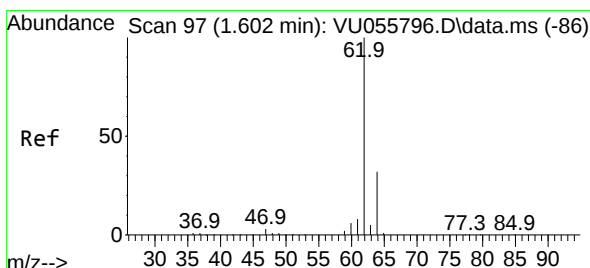
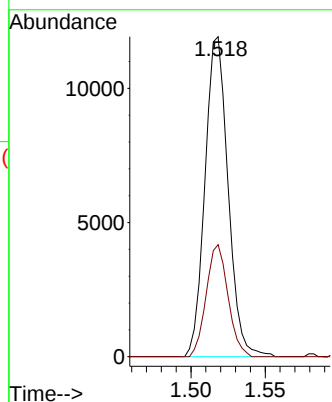
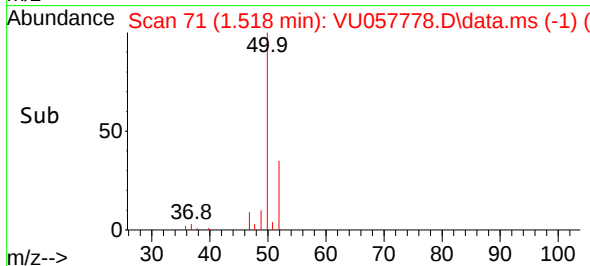
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT1-2024



Tgt Ion: 50 Resp: 12884
Ion Ratio Lower Upper
50 100
52 35.0 26.6 40.0

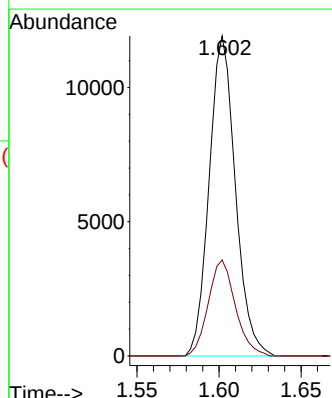
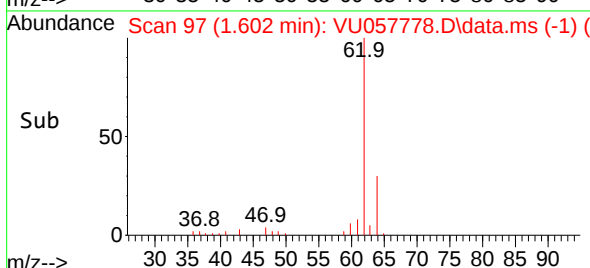
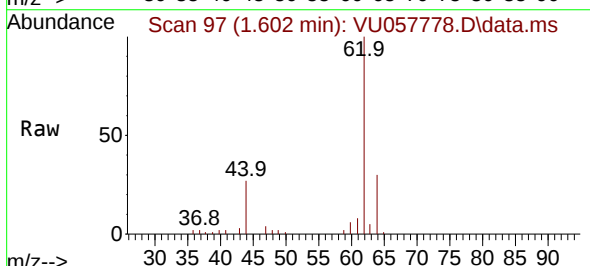
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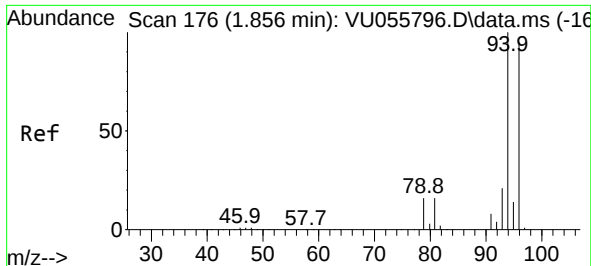
Reviewed By :Semsettin Yesilyurt 02/08/2024
Supervised By :Mahesh Dadoda 02/08/2024



#4
Vinyl Chloride
Concen: 0.933 ug/l
RT: 1.602 min Scan# 97
Delta R.T. -0.000 min
Lab File: VU057778.D
Acq: 01 Feb 2024 15:07

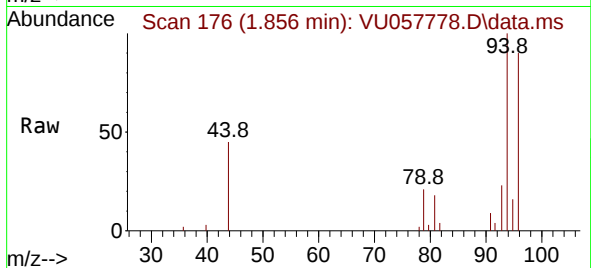
Tgt Ion: 62 Resp: 13223
Ion Ratio Lower Upper
62 100
64 30.0 25.4 38.2





#5
Bromomethane
Concen: 0.990 ug/l
RT: 1.856 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU057778.D
Acq: 01 Feb 2024 15:07

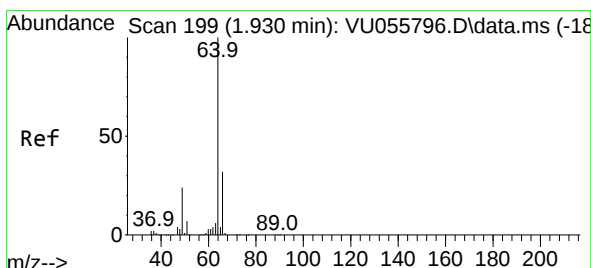
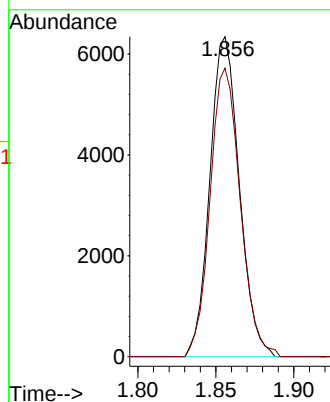
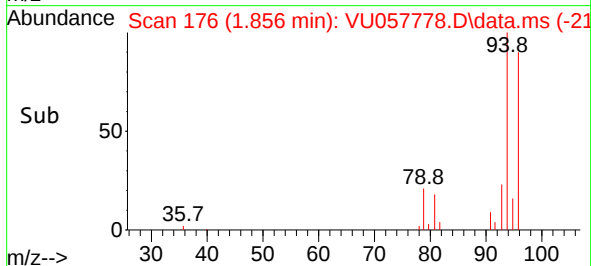
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT1-2024



Tgt Ion: 94 Resp: 833
Ion Ratio Lower Upper
94 100
96 90.1 75.4 113.2

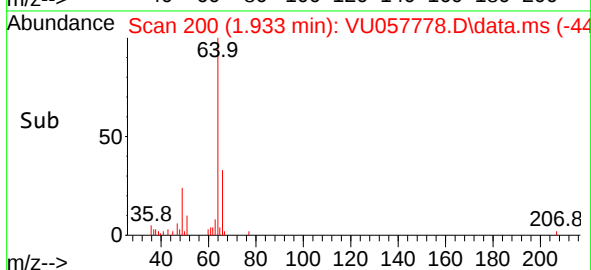
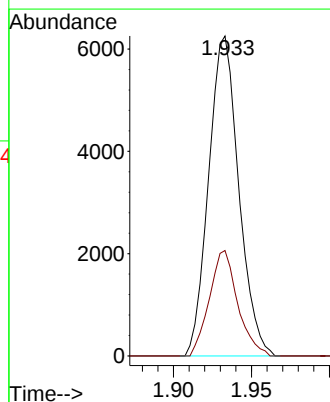
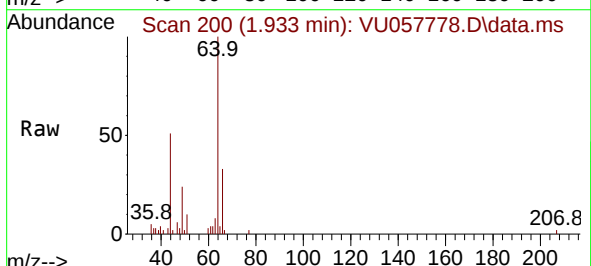
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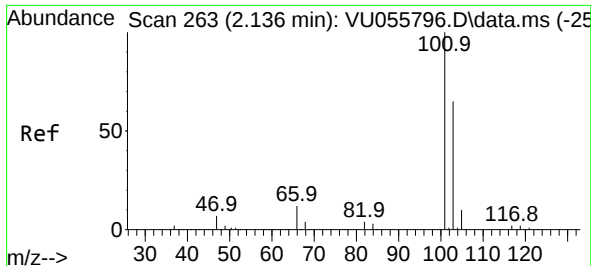
Reviewed By :Semsettin Yesilyurt 02/08/2024
Supervised By :Mahesh Dadoda 02/08/2024



#6
Chloroethane
Concen: 0.939 ug/l
RT: 1.933 min Scan# 200
Delta R.T. 0.003 min
Lab File: VU057778.D
Acq: 01 Feb 2024 15:07

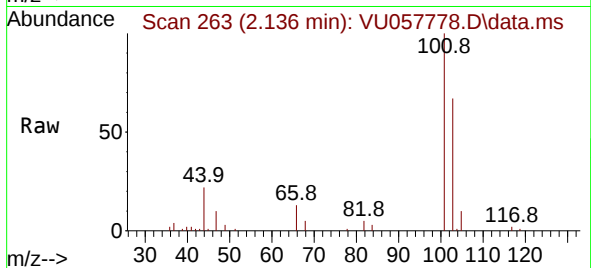
Tgt Ion: 64 Resp: 8406
Ion Ratio Lower Upper
64 100
66 34.8 26.0 39.0





#7
Trichlorofluoromethane
Concen: 0.898 ug/l
RT: 2.136 min Scan# 20
Delta R.T. -0.000 min
Lab File: VU057778.D
Acq: 01 Feb 2024 15:07

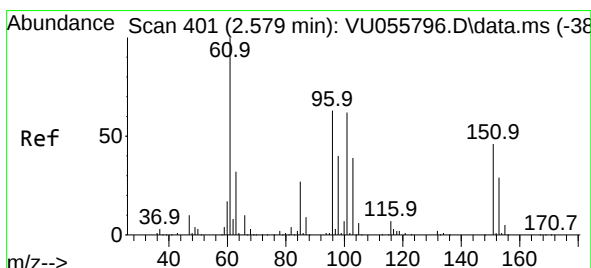
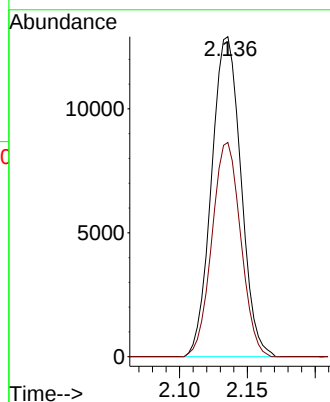
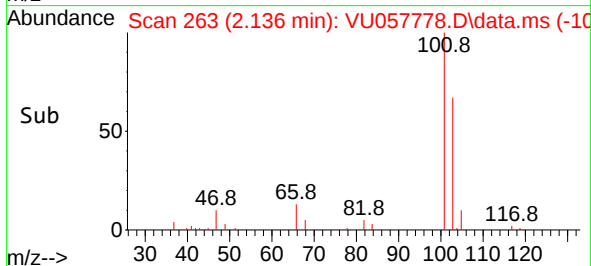
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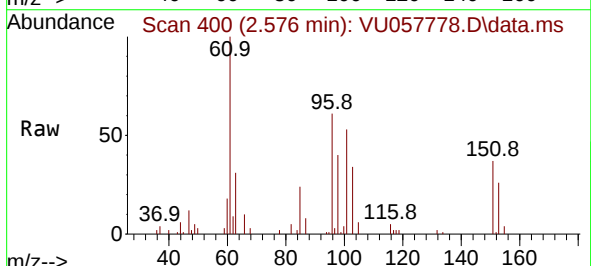
Tgt Ion:101 Resp: 19498
Ion Ratio Lower Upper
101 100
103 66.9 51.4 77.0

Manual Integrations
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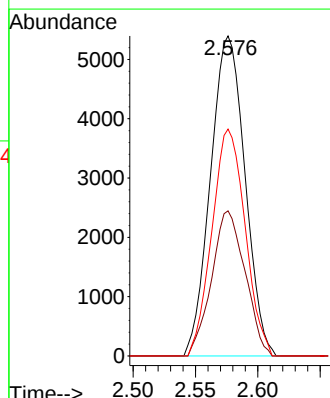
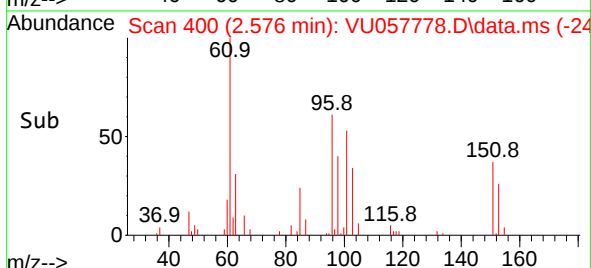
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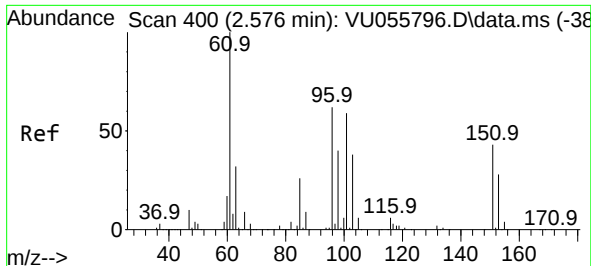


#8
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.932 ug/l
RT: 2.576 min Scan# 400
Delta R.T. -0.003 min
Lab File: VU057778.D
Acq: 01 Feb 2024 15:07



Tgt Ion:101 Resp: 10400
Ion Ratio Lower Upper
101 100
85 43.9 35.4 53.0
151 68.3 54.0 81.0





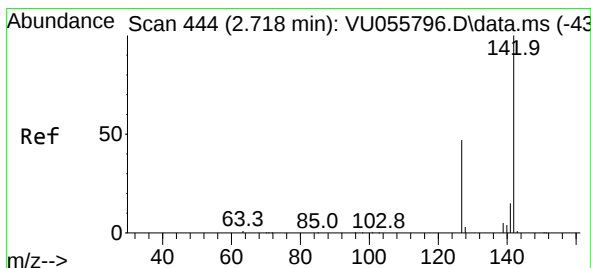
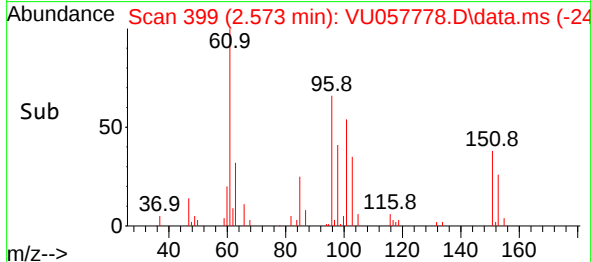
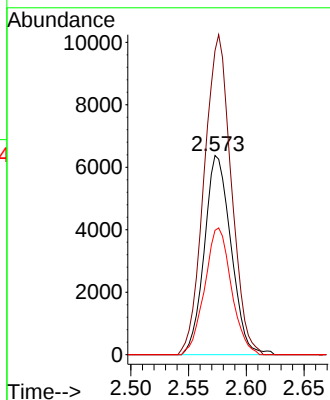
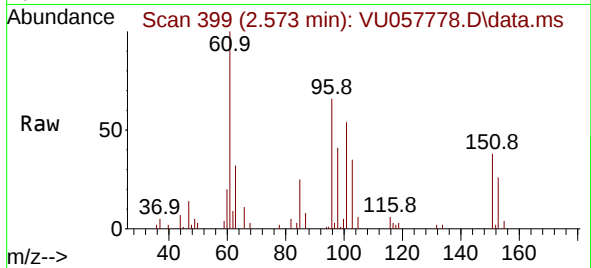
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1,1-Dichloroethene
Concen: 0.945 ug/l
RT: 2.573 min Scan# 399
Delta R.T. -0.003 min
Lab File: VU057778.D
Acq: 01 Feb 2024 15:07

Instrument : MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT1-2024

Tgt Ion: 96 Resp: 10220
Ion Ratio Lower Upper
96 100
61 145.6 0.0 521.4
98 59.5 0.0 125.8

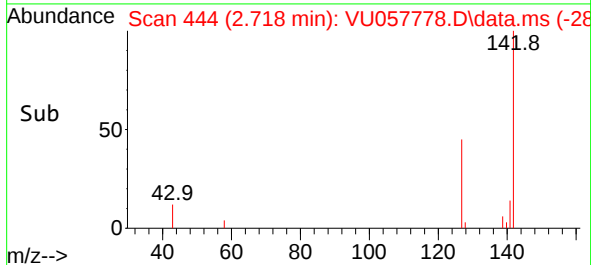
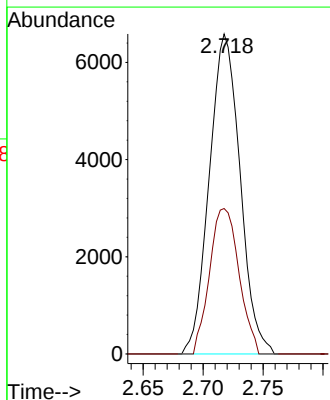
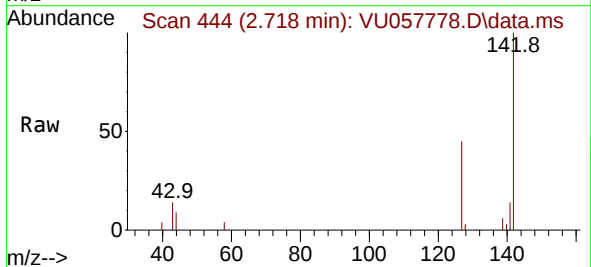
Manual Integrations
APPROVED

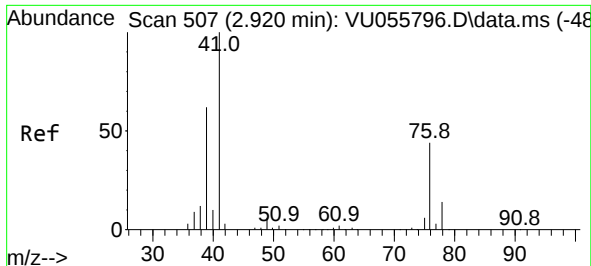
Reviewed By :Semsettin Yesilyurt 02/08/2024
Supervised By :Mahesh Dadoda 02/08/2024



#10
Iodomethane
Concen: 0.916 ug/l
RT: 2.718 min Scan# 444
Delta R.T. -0.000 min
Lab File: VU057778.D
Acq: 01 Feb 2024 15:07

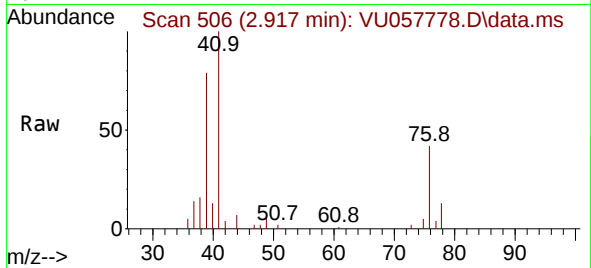
Tgt Ion:142 Resp: 11748
Ion Ratio Lower Upper
142 100
127 43.3 35.9 53.9





#11
 Allyl Chloride
 Concen: 0.965 ug/l
 RT: 2.917 min Scan# 507
 Delta R.T. -0.003 min
 Lab File: VU057778.D
 Acq: 01 Feb 2024 15:07

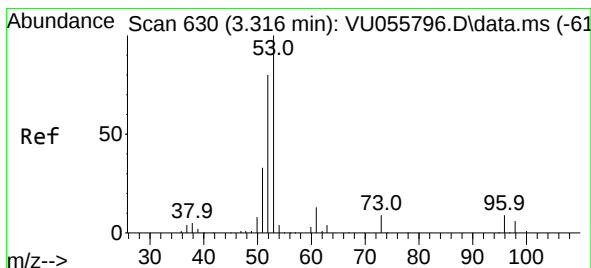
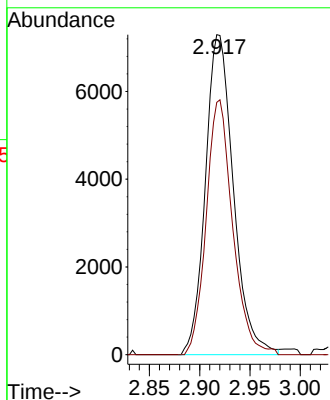
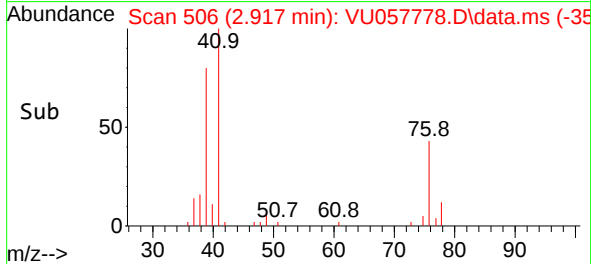
Instrument :
 MSVOA_U
 ClientSampleId :
 LOQ-WATER-02-QT1-2024



Tgt Ion: 41 Resp: 14154
 Ion Ratio Lower Upper
 41 100
 39 75.1 54.2 81.2

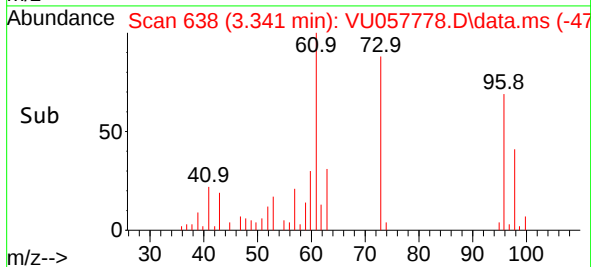
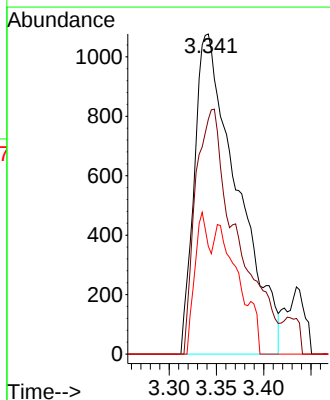
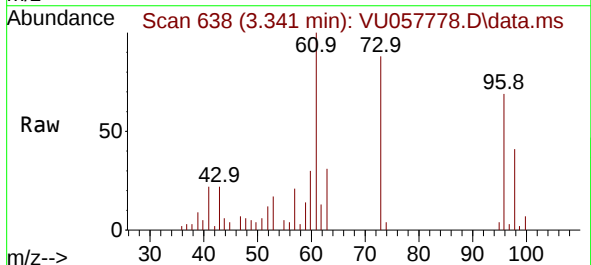
Manual Integrations
 APPROVED

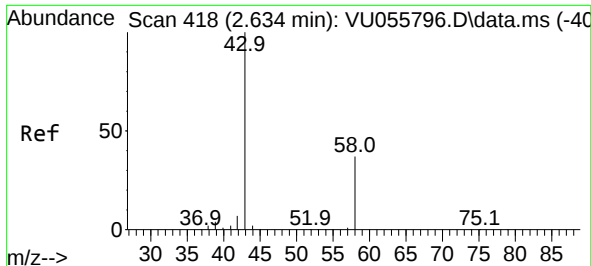
Reviewed By :Semsettin Yesilyurt 02/08/2024
 Supervised By :Mahesh Dadoda 02/08/2024



#12
 Acrylonitrile
 Concen: 1.835 ug/l
 RT: 3.341 min Scan# 638
 Delta R.T. 0.025 min
 Lab File: VU057778.D
 Acq: 01 Feb 2024 15:07

Tgt Ion: 53 Resp: 3387
 Ion Ratio Lower Upper
 53 100
 52 74.0 62.9 94.3
 51 23.9 27.8 41.6#





#13

Acetone

Concen: 5.055 ug/l

RT: 2.650 min Scan# 418

Delta R.T. 0.016 min

Lab File: VU057778.D

Acq: 01 Feb 2024 15:07

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT1-2024

Tgt Ion: 43 Resp: 1688

Ion Ratio Lower Upper

43 100

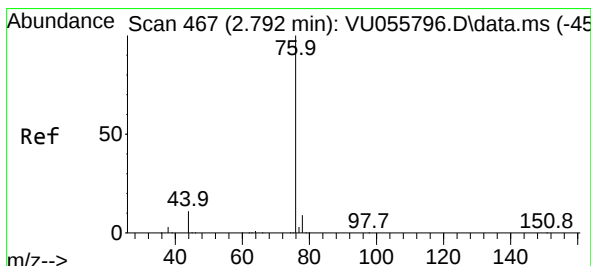
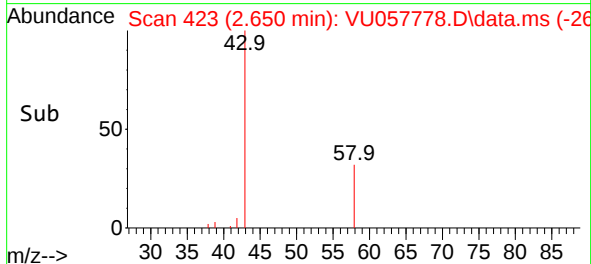
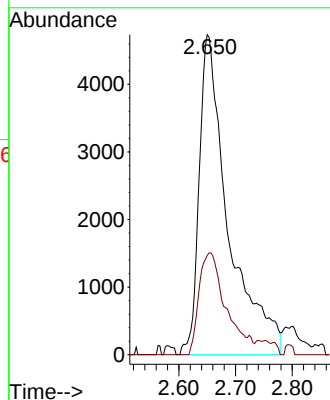
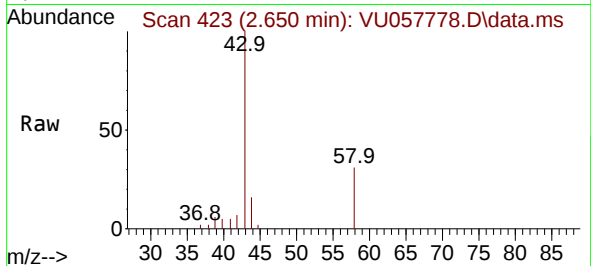
58 31.0 29.0 43.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/08/2024

Supervised By :Mahesh Dadoda 02/08/2024



#14

Carbon Disulfide

Concen: 0.918 ug/l

RT: 2.788 min Scan# 466

Delta R.T. -0.004 min

Lab File: VU057778.D

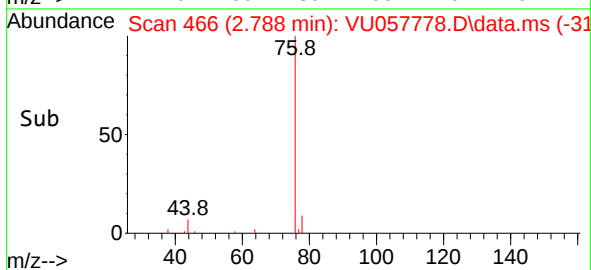
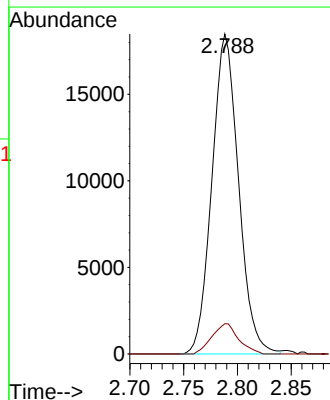
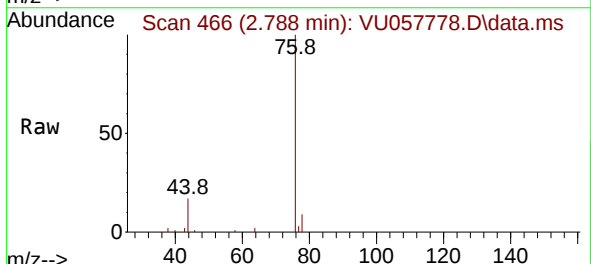
Acq: 01 Feb 2024 15:07

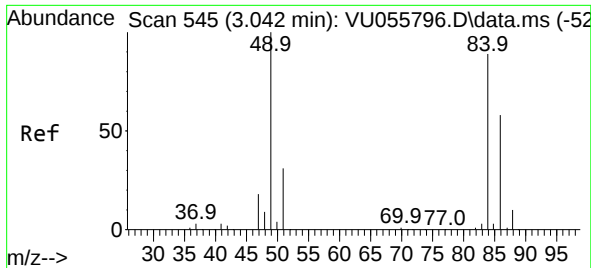
Tgt Ion: 76 Resp: 31774

Ion Ratio Lower Upper

76 100

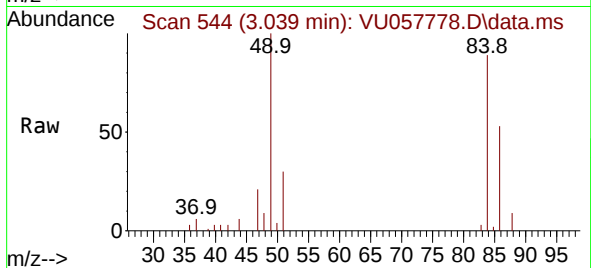
78 9.5 7.4 11.0





#15
Methylene Chloride
Concen: 1.018 ug/l
RT: 3.039 min Scan# 545
Delta R.T. -0.003 min
Lab File: VU057778.D
Acq: 01 Feb 2024 15:07

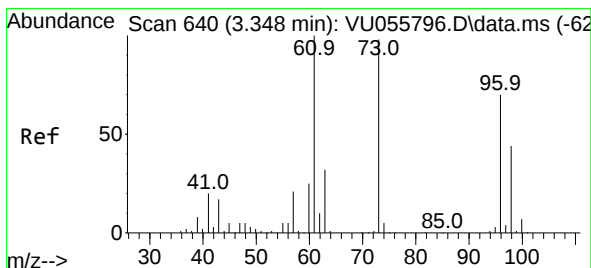
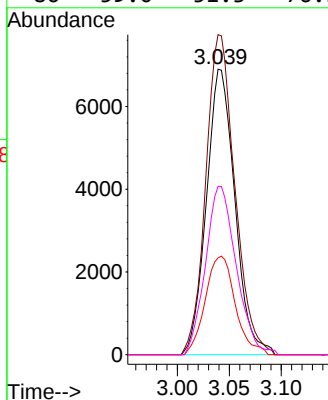
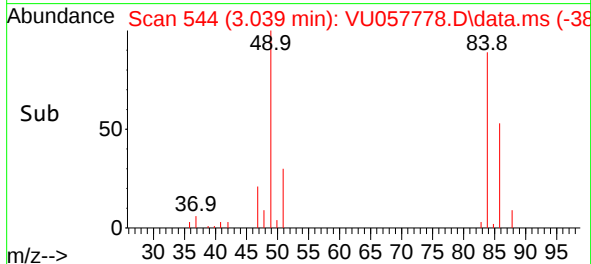
Instrument : MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT1-2024



Tgt Ion:	84	Resp:	1314
Ion	Ratio	Lower	Upper
84	100		
49	112.1	98.9	148.3
51	33.9	0.0	75.4
86	59.0	51.3	76.9

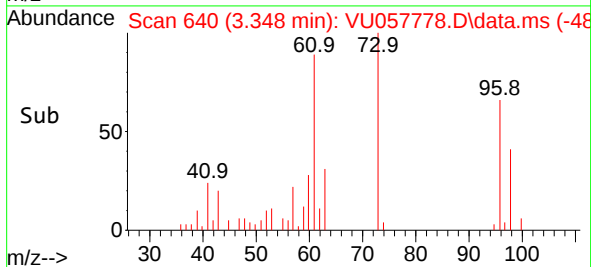
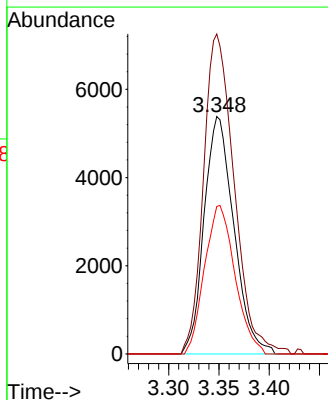
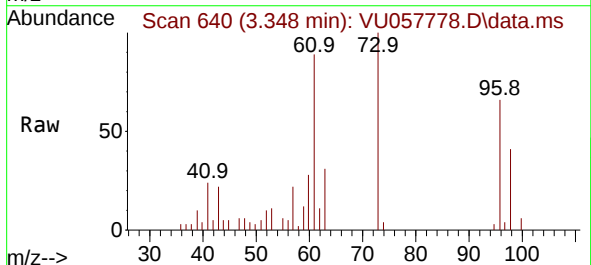
Manual Integrations
APPROVED

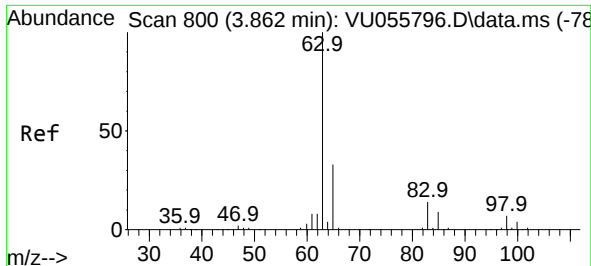
Reviewed By :Semsettin Yesilyurt 02/08/2024
Supervised By :Mahesh Dadoda 02/08/2024



#16
trans-1,2-Dichloroethene
Concen: 0.940 ug/l
RT: 3.348 min Scan# 640
Delta R.T. -0.000 min
Lab File: VU057778.D
Acq: 01 Feb 2024 15:07

Tgt Ion:	96	Resp:	11095
Ion	Ratio	Lower	Upper
96	100		
61	127.1	117.5	176.3
98	58.6	48.3	72.5





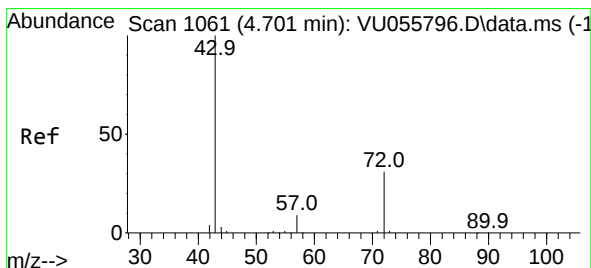
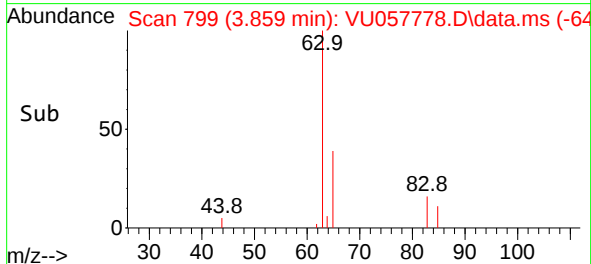
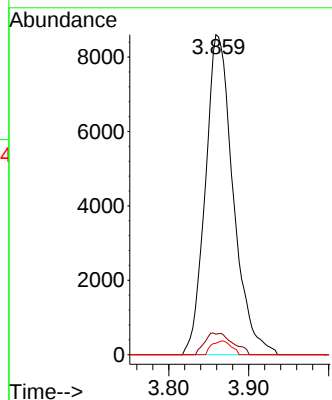
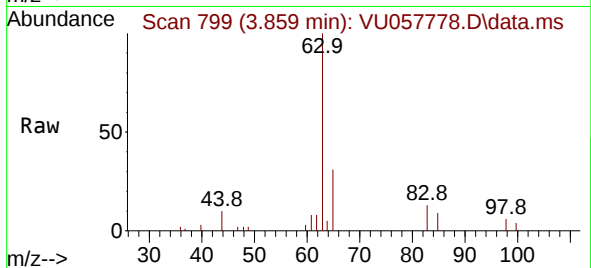
#17
 1,1-Dichloroethane
 Concen: 0.932 ug/l
 RT: 3.859 min Scan# 799
 Delta R.T. -0.003 min
 Lab File: VU057778.D
 Acq: 01 Feb 2024 15:07

Instrument :
 MSVOA_U
 ClientSampleId :
 LOQ-WATER-02-QT1-2024

Tgt Ion: 63 Resp: 2077
 Ion Ratio Lower Upper
 63 100
 98 6.4 3.4 10.1
 100 3.6 2.2 6.6

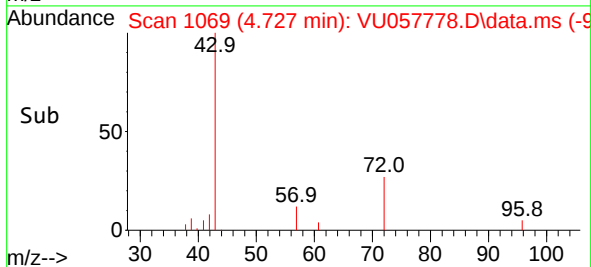
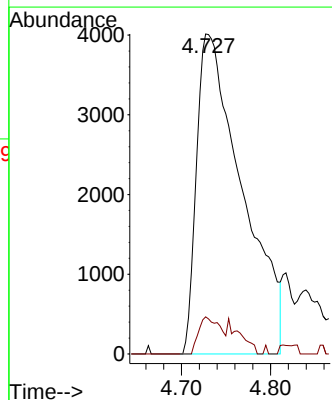
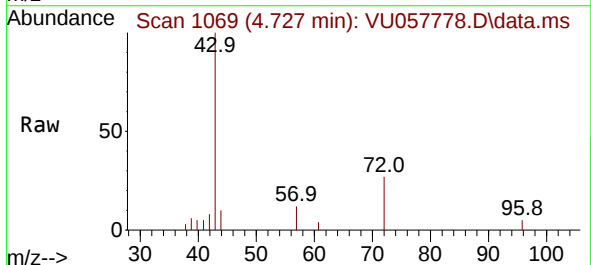
Manual Integrations
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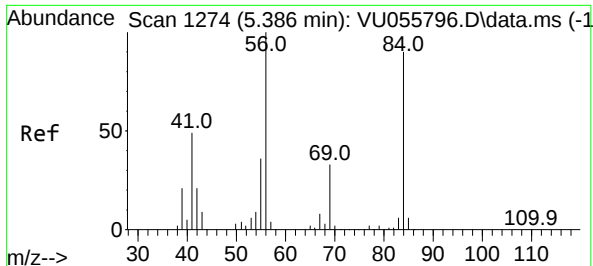
Reviewed By :Semsettin Yesilyurt 02/08/2024
 Supervised By :Mahesh Dadoda 02/08/2024



#18
 2-Butanone
 Concen: 3.950 ug/l
 RT: 4.727 min Scan# 1069
 Delta R.T. 0.026 min
 Lab File: VU057778.D
 Acq: 01 Feb 2024 15:07

Tgt Ion: 43 Resp: 14221
 Ion Ratio Lower Upper
 43 100
 57 11.6 0.0 19.6





#19

Cyclohexane

Concen: 0.896 ug/l

RT: 5.383 min Scan# 11

Delta R.T. -0.003 min

Lab File: VU057778.D

Acq: 01 Feb 2024 15:07

Instrument :

MSVOA_U

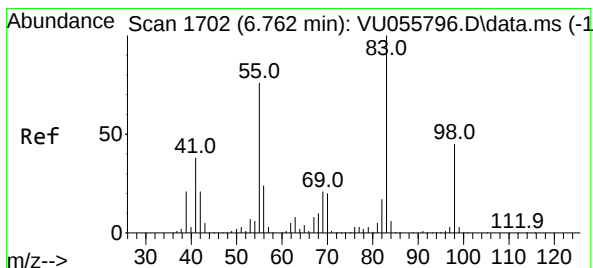
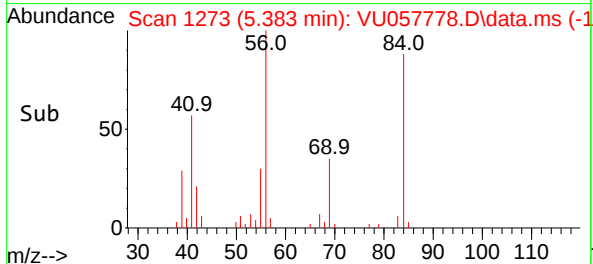
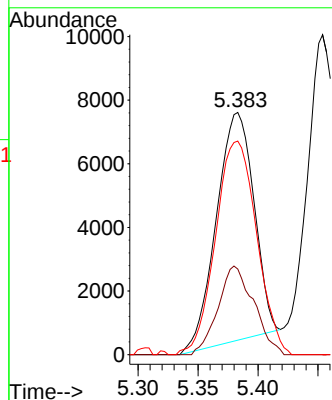
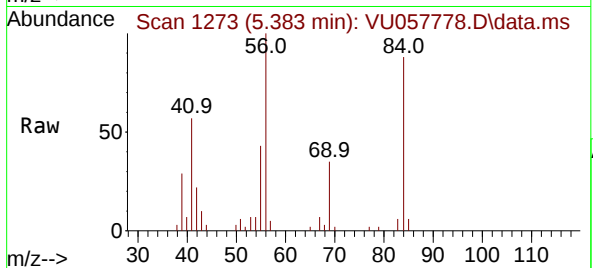
ClientSampleId :

LOQ-WATER-02-QT1-2024

Tgt Ion:	56	Resp:	1565
Ion Ratio	Lower	Upper	
56	100		
69	36.9	24.6	37.0
84	102.4	68.4	102.6

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



#20

Methylcyclohexane

Concen: 0.876 ug/l

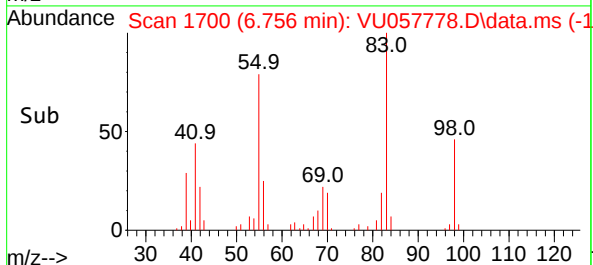
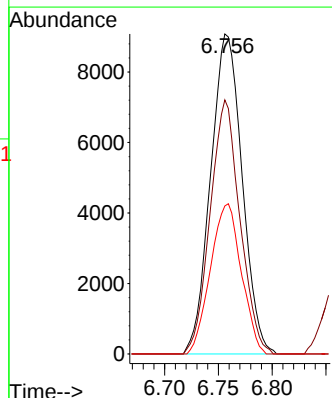
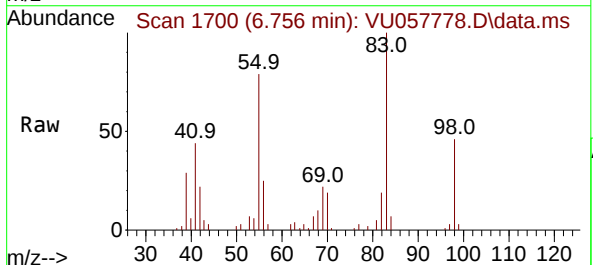
RT: 6.756 min Scan# 1700

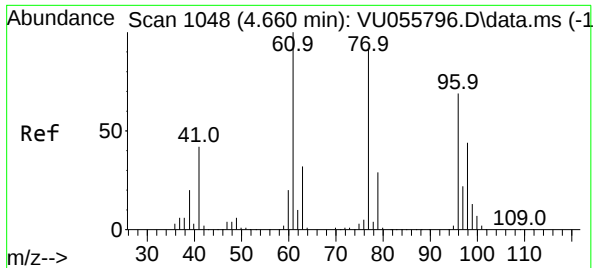
Delta R.T. -0.006 min

Lab File: VU057778.D

Acq: 01 Feb 2024 15:07

Tgt Ion:	83	Resp:	18501
Ion Ratio	Lower	Upper	
83	100		
55	74.9	63.5	95.3
98	46.0	36.0	54.0





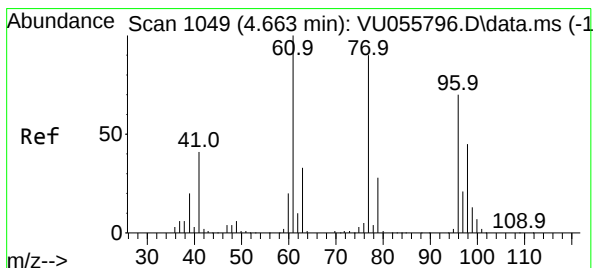
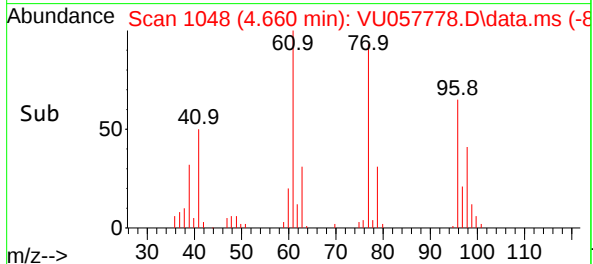
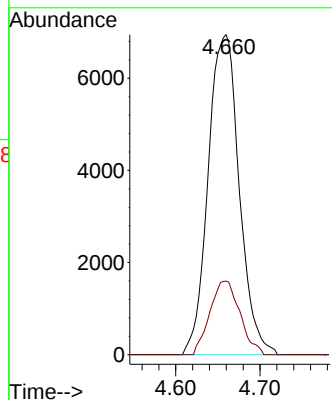
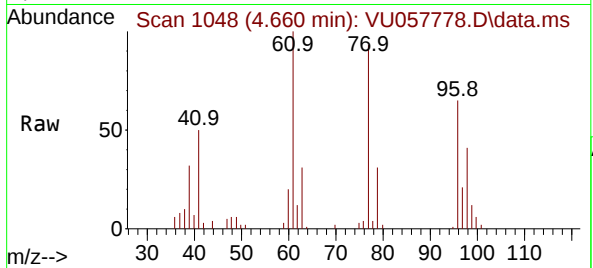
#21
2,2-Dichloropropane
Concen: 0.900 ug/l
RT: 4.660 min Scan# 1048
Delta R.T. -0.000 min
Lab File: VU057778.D
Acq: 01 Feb 2024 15:07

Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT1-2024

Tgt Ion: 77 Resp: 17814
Ion Ratio Lower Upper
77 100
97 22.2 18.4 27.6

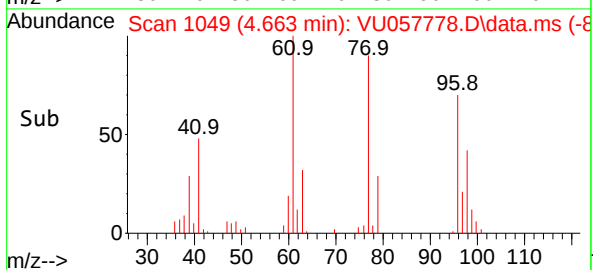
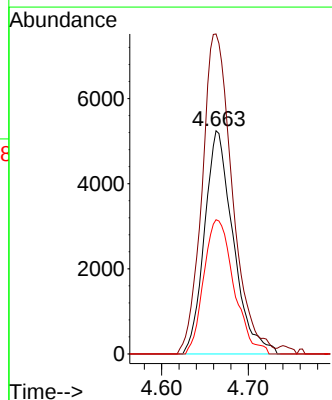
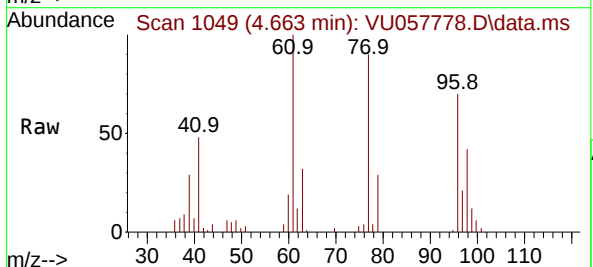
Manual Integrations
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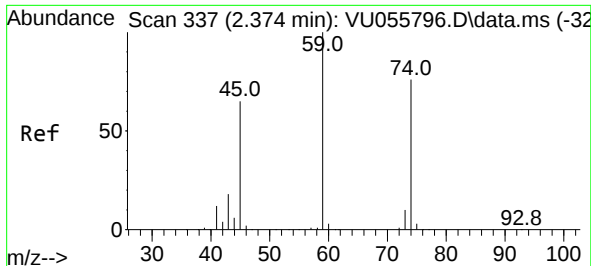
Reviewed By :Semsettin Yesilyurt 02/08/2024
Supervised By :Mahesh Dadoda 02/08/2024



#22
cis-1,2-Dichloroethene
Concen: 0.933 ug/l
RT: 4.663 min Scan# 1049
Delta R.T. -0.000 min
Lab File: VU057778.D
Acq: 01 Feb 2024 15:07

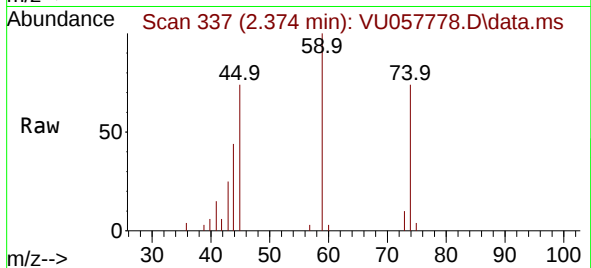
Tgt Ion: 96 Resp: 12062
Ion Ratio Lower Upper
96 100
61 151.6 0.0 365.8
98 63.1 32.0 96.0





#23
Diethyl Ether
Concen: 0.925 ug/l
RT: 2.374 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU057778.D
Acq: 01 Feb 2024 15:07

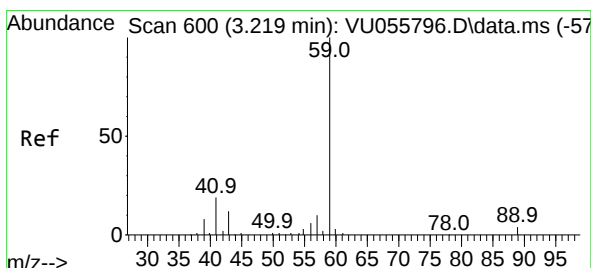
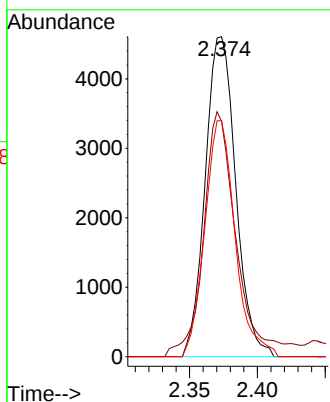
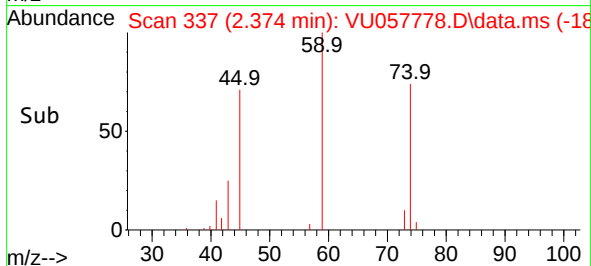
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT1-2024



Tgt Ion: 59 Resp: 7219
Ion Ratio Lower Upper
59 100
45 82.6 56.1 84.1
74 73.2 57.4 86.2

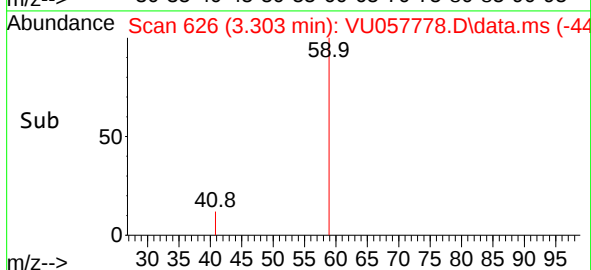
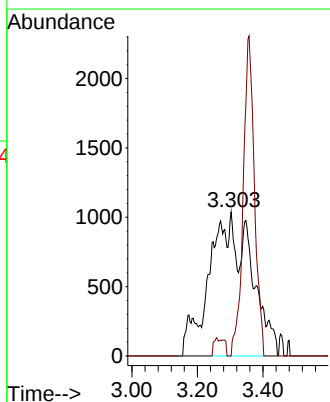
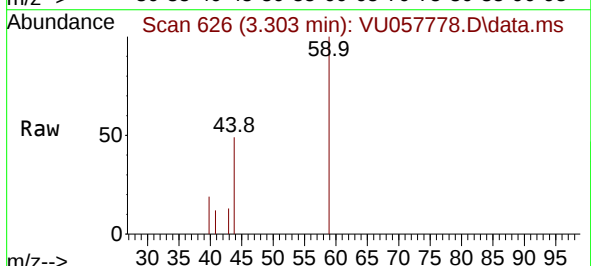
Manual Integrations
APPROVED

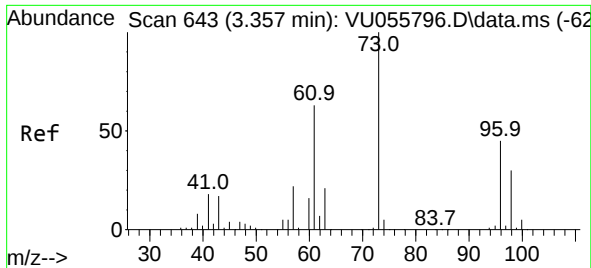
Reviewed By :Semsettin Yesilyurt 02/08/2024
Supervised By :Mahesh Dadoda 02/08/2024



#24
tert-Butyl Alcohol
Concen: 10.348 ug/l m
RT: 3.303 min Scan# 626
Delta R.T. 0.084 min
Lab File: VU057778.D
Acq: 01 Feb 2024 15:07

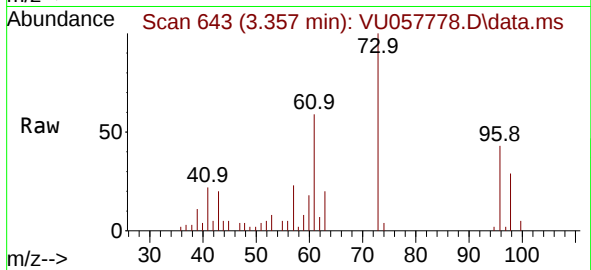
Tgt Ion: 59 Resp: 9182
Ion Ratio Lower Upper
59 100
57 0.0 105.6 158.4#





#25
Methyl tert-Butyl Ether
Concen: 0.944 ug/l
RT: 3.357 min Scan# 643
Delta R.T. 0.000 min
Lab File: VU057778.D
Acq: 01 Feb 2024 15:07

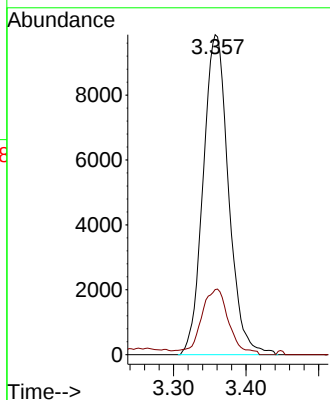
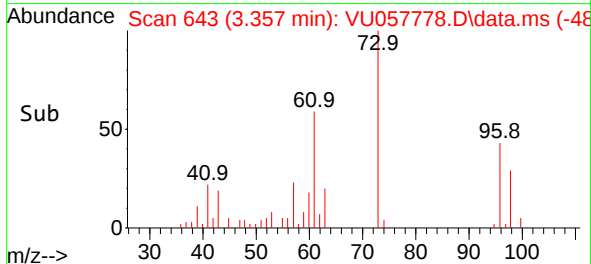
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT1-2024



Tgt Ion: 73 Resp: 2396
Ion Ratio Lower Upper
73 100
43 22.0 15.0 22.6

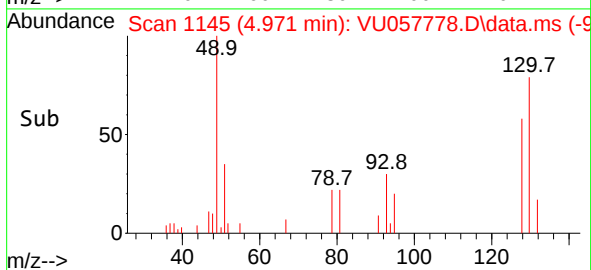
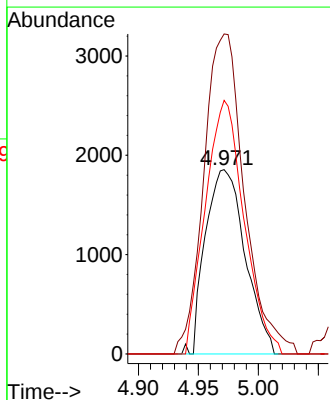
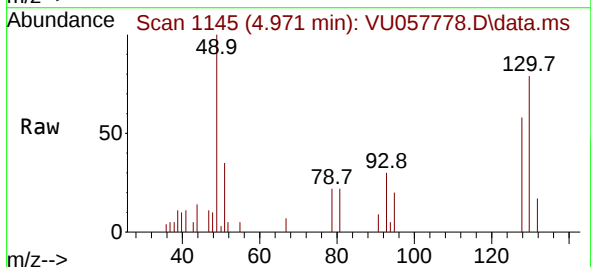
Manual Integrations
APPROVED

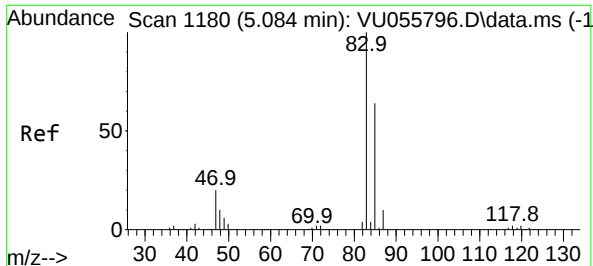
Reviewed By :Semsettin Yesilyurt 02/08/2024
Supervised By :Mahesh Dadoda 02/08/2024



#26
Bromochloromethane
Concen: 0.821 ug/l
RT: 4.971 min Scan# 1145
Delta R.T. 0.003 min
Lab File: VU057778.D
Acq: 01 Feb 2024 15:07

Tgt Ion:128 Resp: 4265
Ion Ratio Lower Upper
128 100
49 177.6 0.0 324.6
130 134.6 103.0 154.4





#27

Chloroform

Concen: 0.970 ug/l

RT: 5.084 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VU057778.D

Acq: 01 Feb 2024 15:07

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT1-2024

Tgt Ion: 83 Resp: 22470

Ion Ratio Lower Upper

83 100

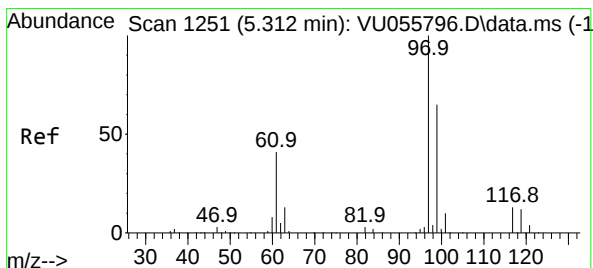
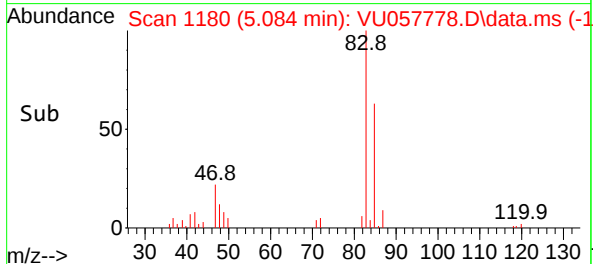
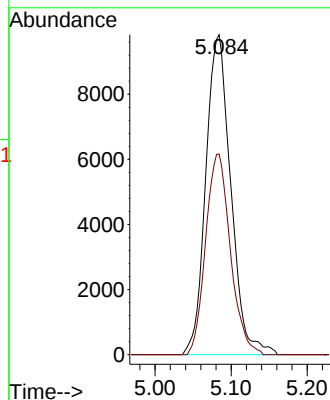
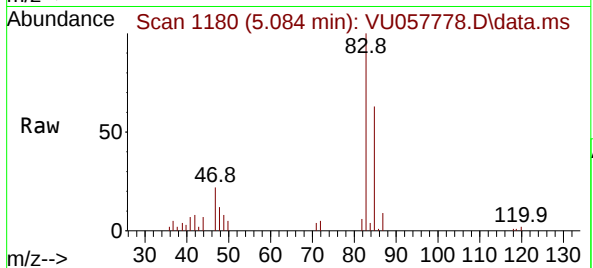
85 62.7 0.0 126.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/08/2024

Supervised By :Mahesh Dadoda 02/08/2024



#28

1,1,1-Trichloroethane

Concen: 0.913 ug/l

RT: 5.309 min Scan# 1250

Delta R.T. -0.003 min

Lab File: VU057778.D

Acq: 01 Feb 2024 15:07

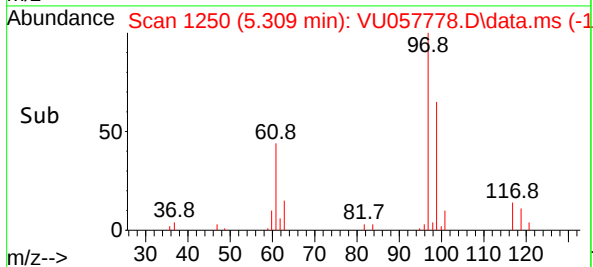
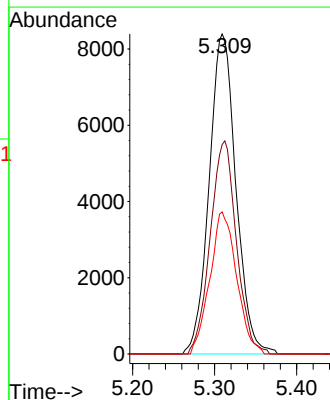
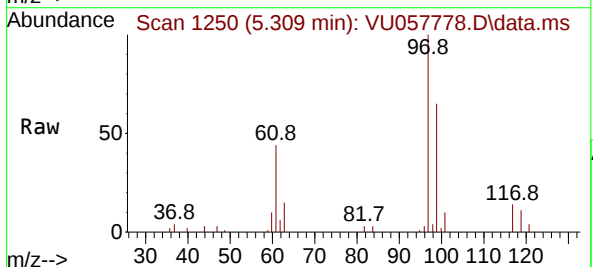
Tgt Ion: 97 Resp: 19098

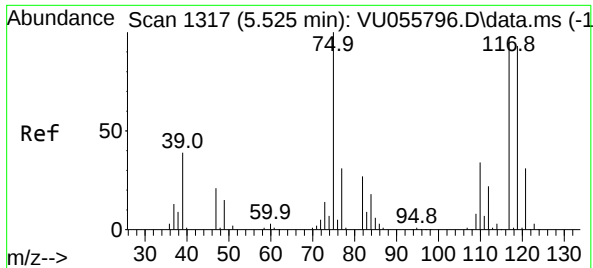
Ion Ratio Lower Upper

97 100

99 65.1 32.0 96.2

61 44.4 22.9 68.5





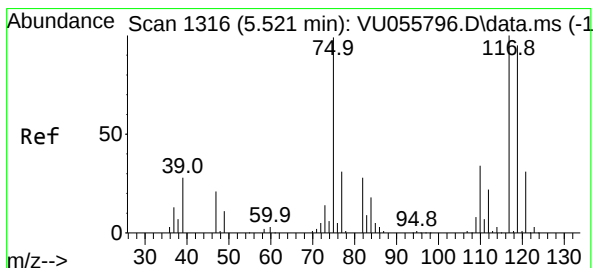
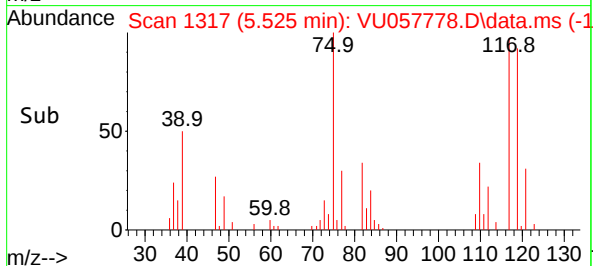
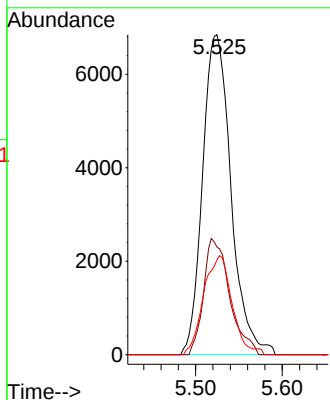
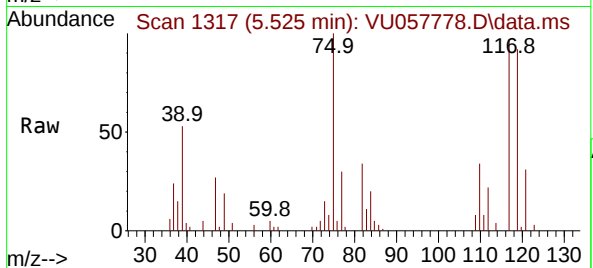
#29
1,1-Dichloropropene
Concen: 0.924 ug/l
RT: 5.525 min Scan# 1163
Delta R.T. -0.000 min
Lab File: VU057778.D
Acq: 01 Feb 2024 15:07

Instrument : MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT1-2024

Tgt Ion: 75 Resp: 15639
Ion Ratio Lower Upper
75 100
110 33.2 18.0 54.0
77 31.0 24.7 37.1

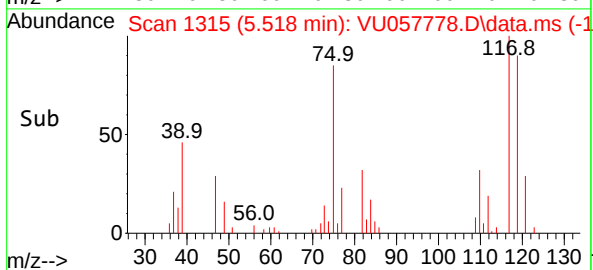
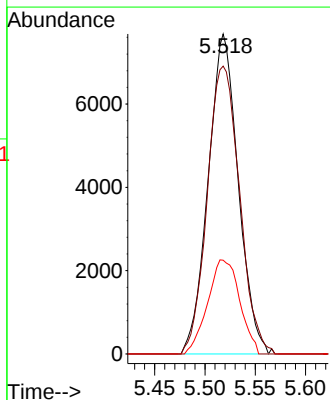
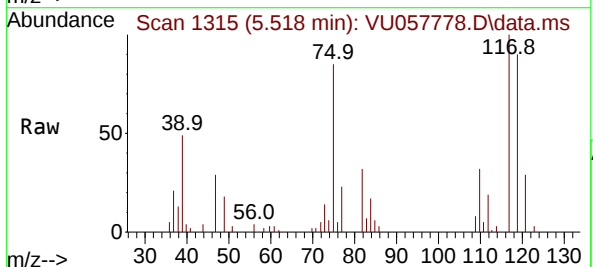
Manual Integrations
APPROVED

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



#30
Carbon Tetrachloride
Concen: 0.886 ug/l
RT: 5.518 min Scan# 1315
Delta R.T. -0.003 min
Lab File: VU057778.D
Acq: 01 Feb 2024 15:07

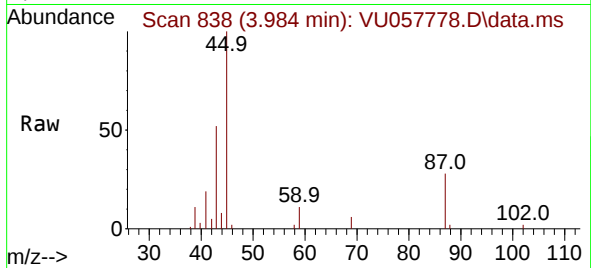
Tgt Ion:117 Resp: 15983
Ion Ratio Lower Upper
117 100
119 90.0 77.4 116.0
121 29.3 24.0 36.0





#31
Isopropyl Ether
Concen: 0.964 ug/l
RT: 3.984 min Scan# 81
Delta R.T. -0.004 min
Lab File: VU057778.D
Acq: 01 Feb 2024 15:07

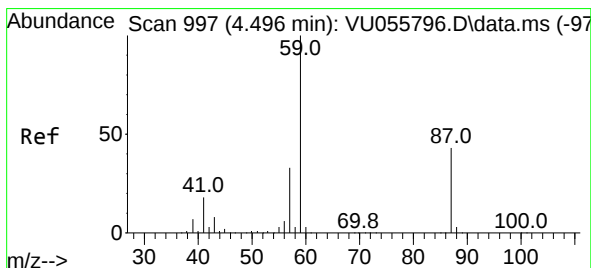
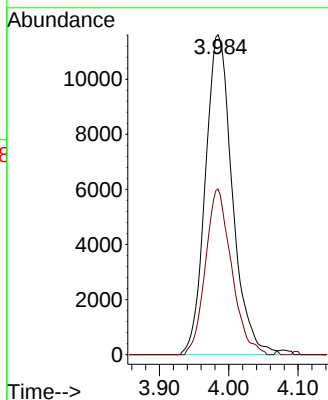
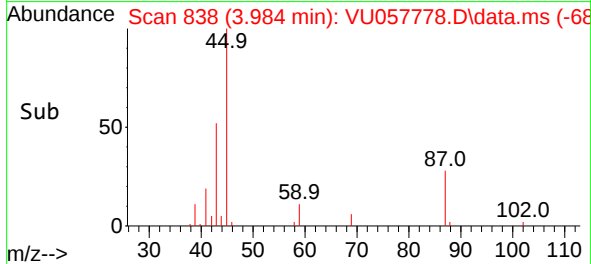
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT1-2024



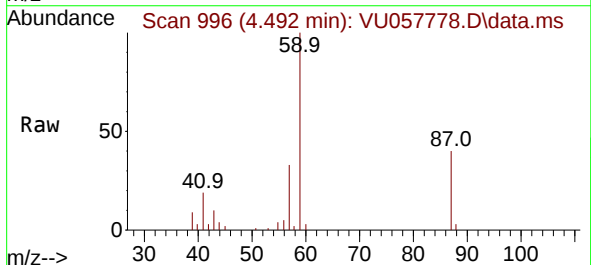
Tgt Ion: 45 Resp: 3144
Ion Ratio Lower Upper
45 100
43 50.1 27.5 82.5

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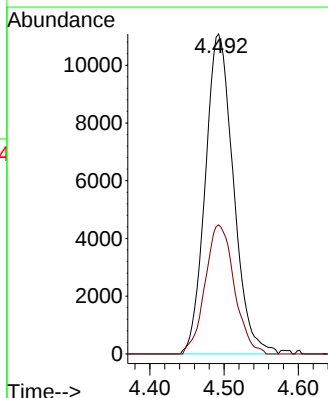
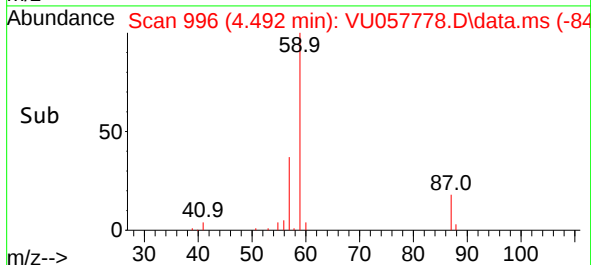
Reviewed By :Semsettin Yesilyurt 02/08/2024
Supervised By :Mahesh Dadoda 02/08/2024

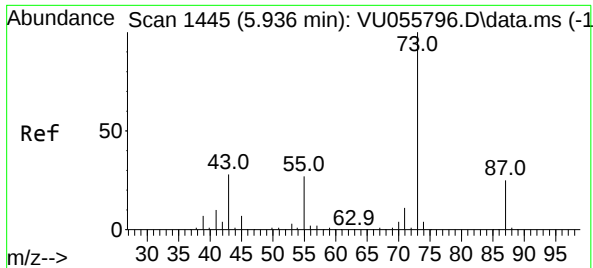


#32
Ethyl-t-butyl ether
Concen: 0.964 ug/l
RT: 4.492 min Scan# 996
Delta R.T. -0.004 min
Lab File: VU057778.D
Acq: 01 Feb 2024 15:07



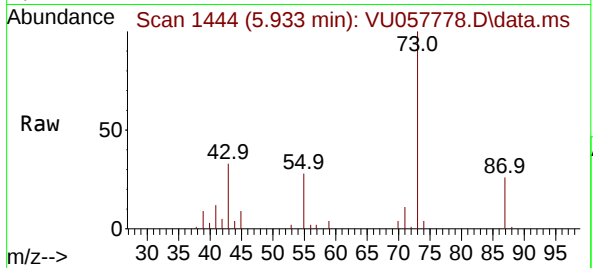
Tgt Ion: 59 Resp: 29198
Ion Ratio Lower Upper
59 100
87 41.8 33.5 50.3





#33
Tert-Amyl methyl ether
Concen: 0.925 ug/l
RT: 5.933 min Scan# 1444
Delta R.T. -0.003 min
Lab File: VU057778.D
Acq: 01 Feb 2024 15:07

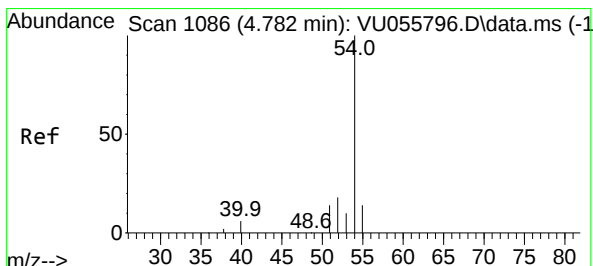
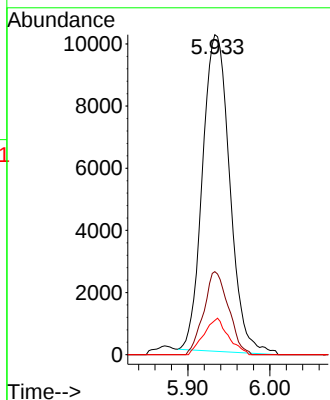
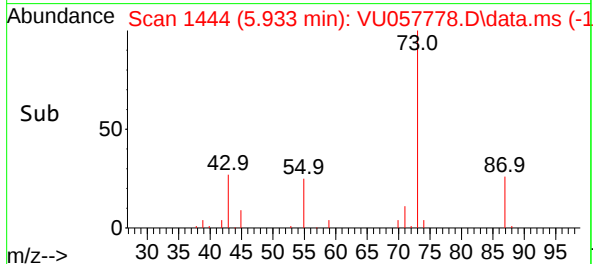
Instrument : MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT1-2024



Tgt Ion: 73 Resp: 2358
Ion Ratio Lower Upper
73 100
87 23.8 18.6 28.0
71 10.3 9.9 14.9

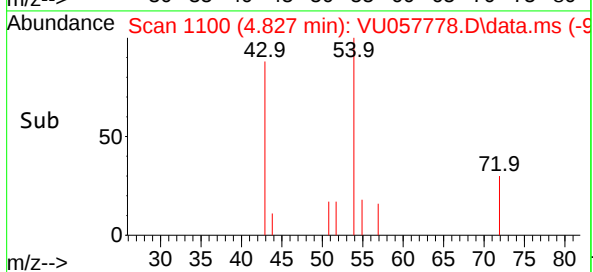
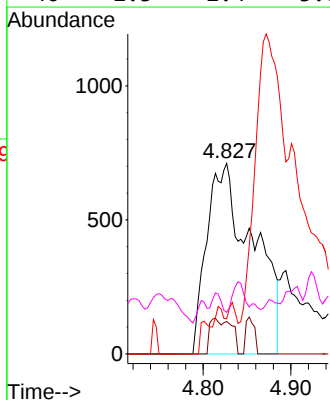
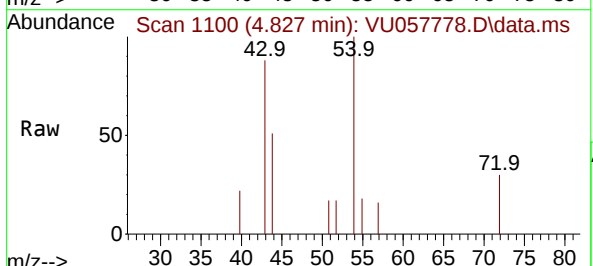
Manual Integrations
APPROVED

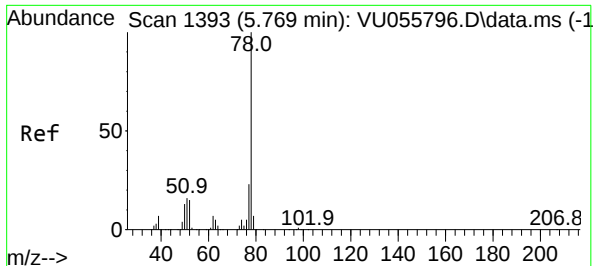
Reviewed By :Semsettin Yesilyurt 02/08/2024
Supervised By :Mahesh Dadoda 02/08/2024



#34
Propionitrile
Concen: 3.479 ug/l m
RT: 4.827 min Scan# 1100
Delta R.T. 0.045 min
Lab File: VU057778.D
Acq: 01 Feb 2024 15:07

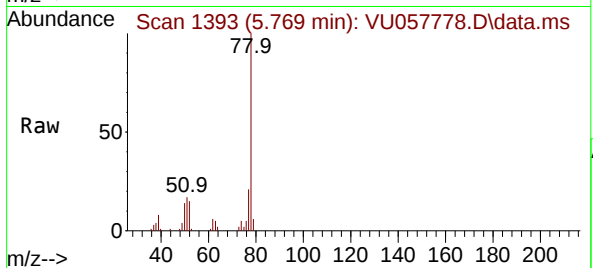
Tgt Ion: 54 Resp: 2596
Ion Ratio Lower Upper
54 100
52 4.5 17.4 26.0#
55 0.0 104.1 156.1#
40 2.3 2.4 3.6#





#35
Benzene
Concen: 0.933 ug/l
RT: 5.769 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU057778.D
Acq: 01 Feb 2024 15:07

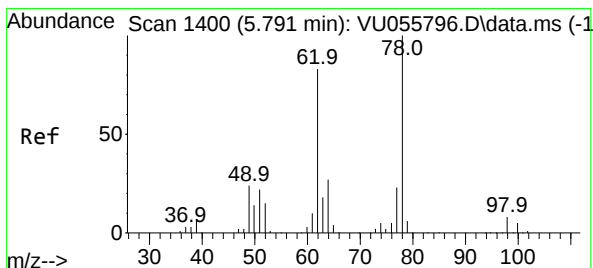
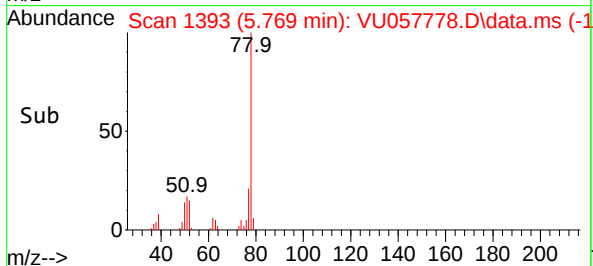
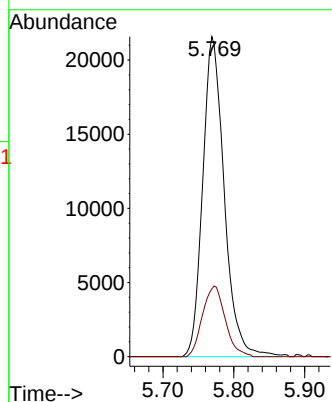
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT1-2024



Tgt Ion: 78 Resp: 4548
Ion Ratio Lower Upper
78 100
77 21.2 18.9 28.3

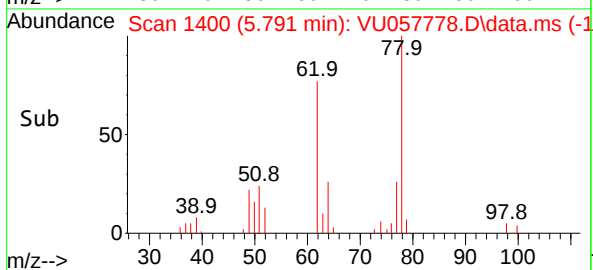
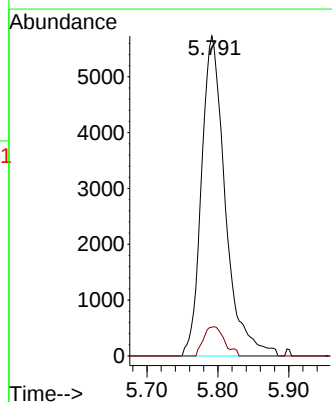
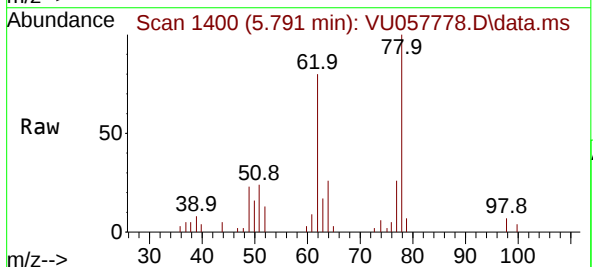
Manual Integrations
APPROVED

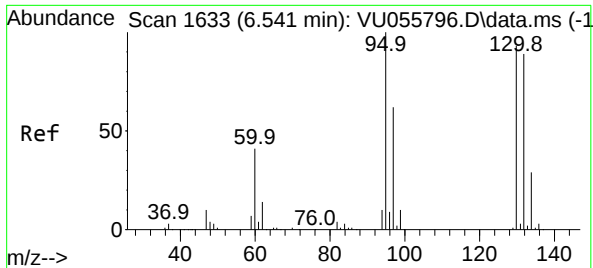
Reviewed By :Semsettin Yesilyurt 02/08/2024
Supervised By :Mahesh Dadoda 02/08/2024



#36
1,2-Dichloroethane
Concen: 0.941 ug/l
RT: 5.791 min Scan# 1400
Delta R.T. 0.000 min
Lab File: VU057778.D
Acq: 01 Feb 2024 15:07

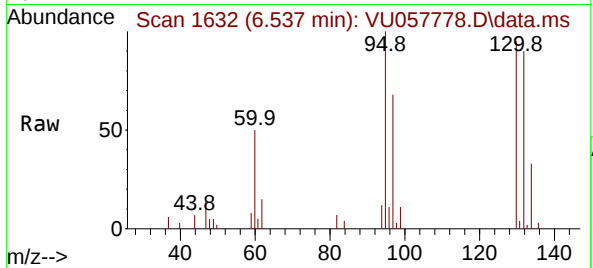
Tgt Ion: 62 Resp: 13368
Ion Ratio Lower Upper
62 100
98 8.0 7.3 10.9





#37
Trichloroethene
Concen: 0.966 ug/l
RT: 6.537 min Scan# 1632
Delta R.T. -0.004 min
Lab File: VU057778.D
Acq: 01 Feb 2024 15:07

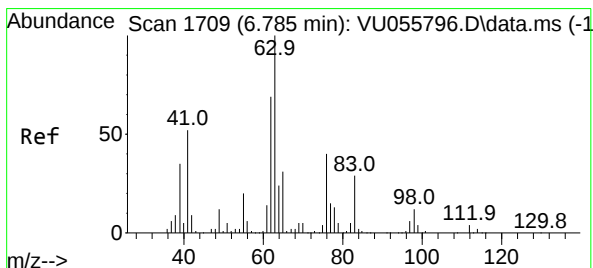
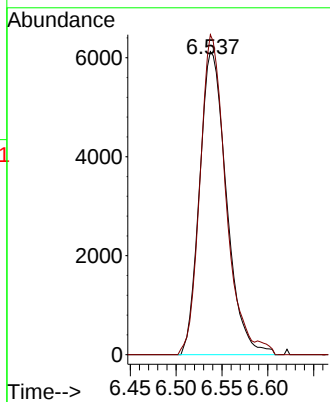
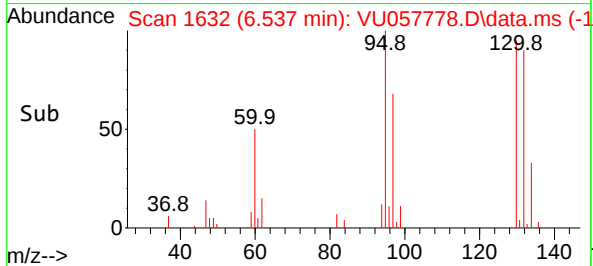
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT1-2024



Tgt Ion:130 Resp: 12510
Ion Ratio Lower Upper
130 100
95 105.6 85.0 127.6

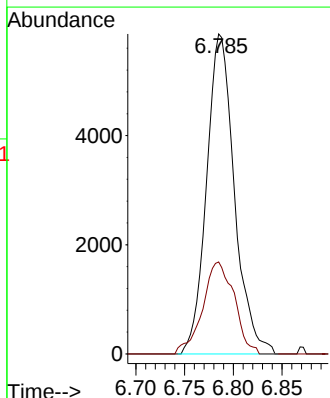
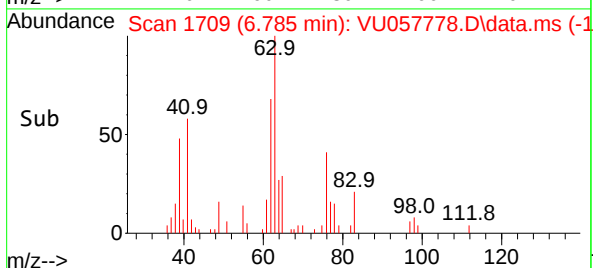
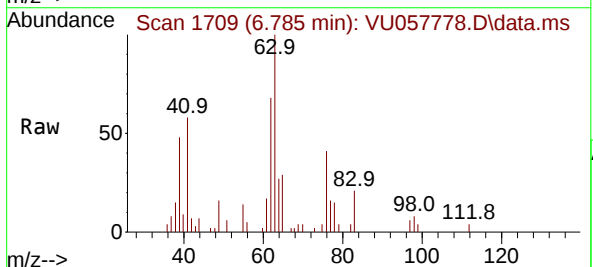
Manual Integrations
APPROVED

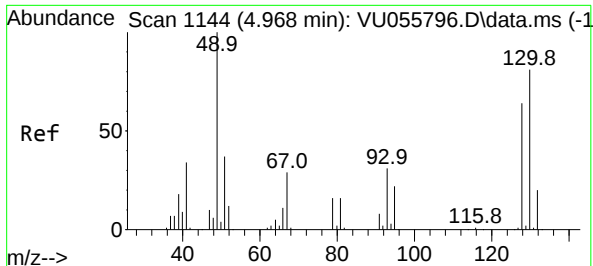
Reviewed By :Semsettin Yesilyurt 02/08/2024
Supervised By :Mahesh Dadoda 02/08/2024



#38
1,2-Dichloropropane
Concen: 0.922 ug/l
RT: 6.785 min Scan# 1709
Delta R.T. -0.000 min
Lab File: VU057778.D
Acq: 01 Feb 2024 15:07

Tgt Ion: 63 Resp: 11650
Ion Ratio Lower Upper
63 100
65 28.7 24.9 37.3





#39

Methacrylonitrile

Concen: 0.829 ug/l m

RT: 4.988 min Scan# 1150

Delta R.T. 0.020 min

Lab File: VU057778.D

Acq: 01 Feb 2024 15:07

Instrument :

MSVOA_U

ClientSampleId :

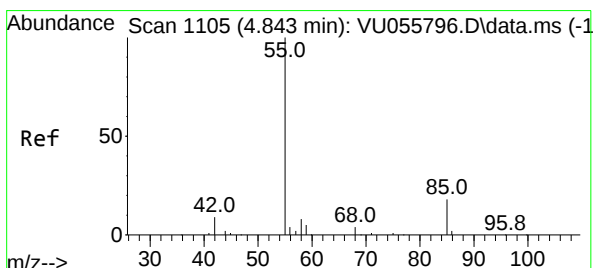
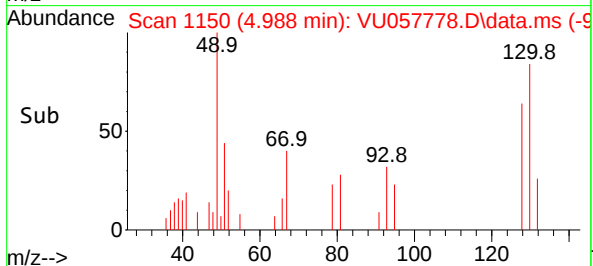
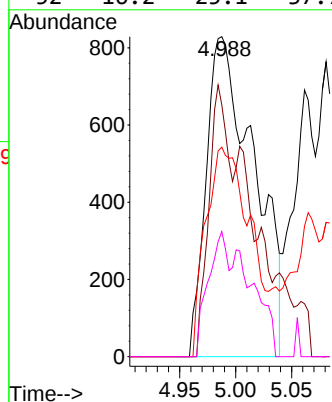
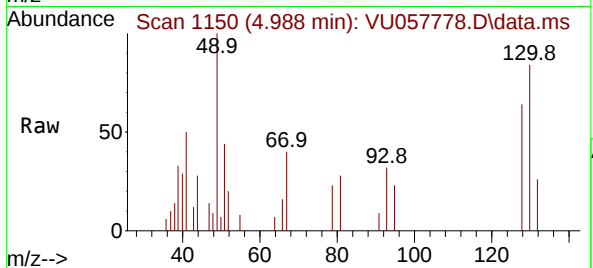
LOQ-WATER-02-QT1-2024

Tgt Ion: 41	Resp: 246
Ion Ratio	Lower Upper
41 100	
67 36.8	66.8 100.2
39 60.6	41.2 61.8
52 16.2	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: 0.937 ug/l m

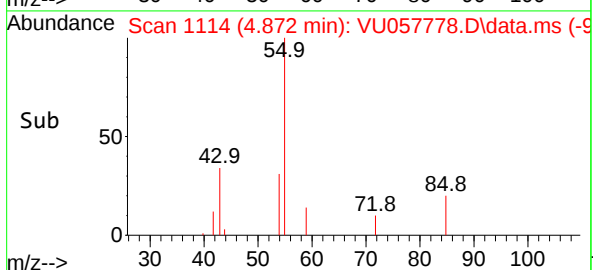
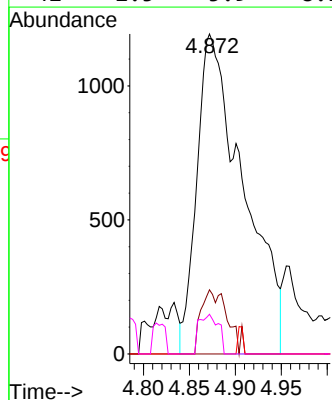
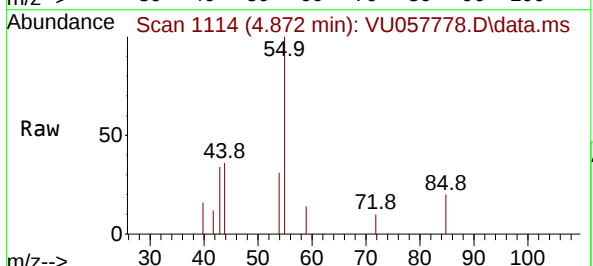
RT: 4.872 min Scan# 1114

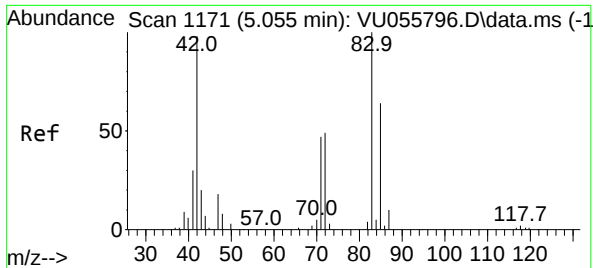
Delta R.T. 0.029 min

Lab File: VU057778.D

Acq: 01 Feb 2024 15:07

Tgt	Ion: 55	Resp:	4197
Ion	Ratio	Lower	Upper
55	100		
85	0.0	13.3	19.9#
58	0.0	6.5	9.7#
42	2.5	5.9	8.9#





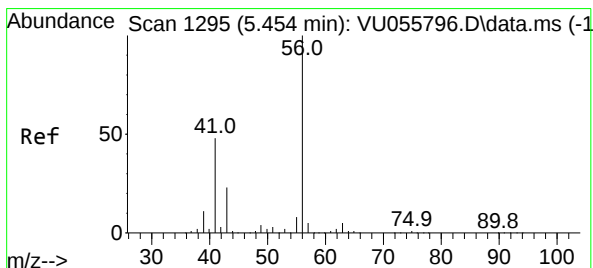
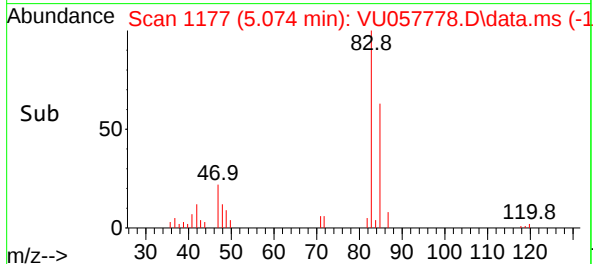
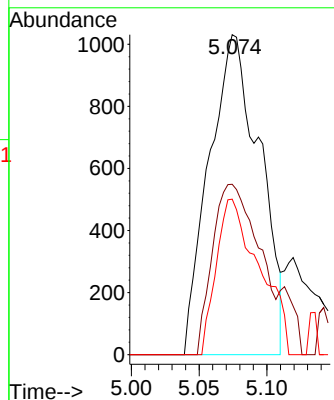
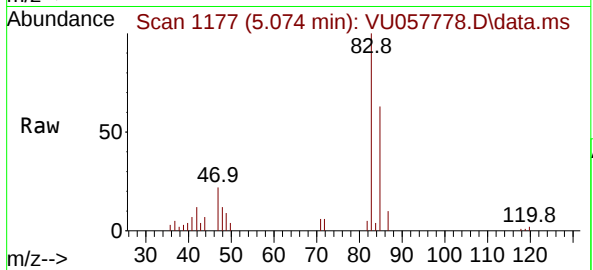
#41
Tetrahydrofuran
Concen: 1.687 ug/l
RT: 5.074 min Scan# 1177
Delta R.T. 0.019 min
Lab File: VU057778.D
Acq: 01 Feb 2024 15:07

Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT1-2024

Tgt Ion: 42 Resp: 2679
Ion Ratio Lower Upper
42 100
72 48.6 40.9 61.3
71 41.2 36.9 55.3

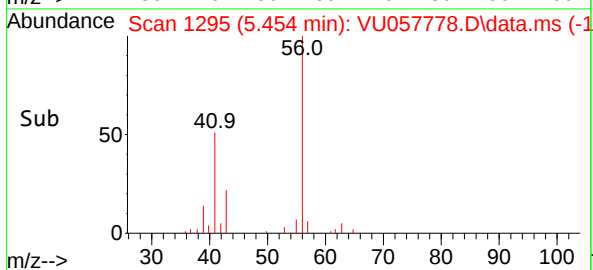
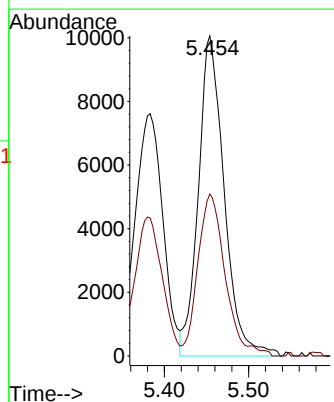
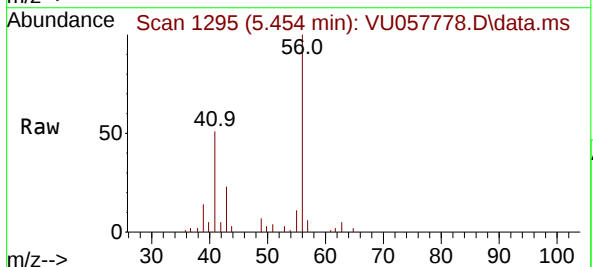
Manual Integrations
APPROVED

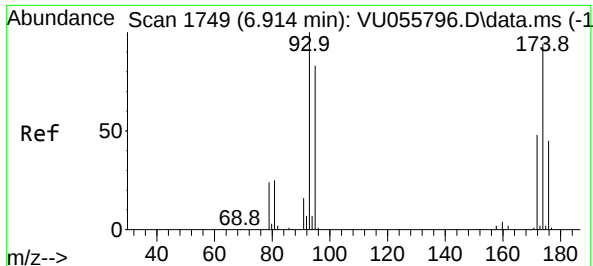
Reviewed By :Semsettin Yesilyurt 02/08/2024
Supervised By :Mahesh Dadoda 02/08/2024



#42
1-Chlorobutane
Concen: 0.960 ug/l
RT: 5.454 min Scan# 1295
Delta R.T. -0.000 min
Lab File: VU057778.D
Acq: 01 Feb 2024 15:07

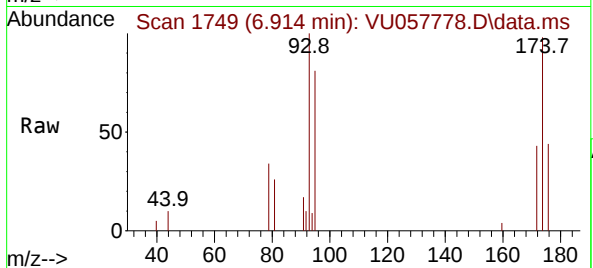
Tgt Ion: 56 Resp: 21419
Ion Ratio Lower Upper
56 100
41 53.7 25.2 75.6





#43
Dibromomethane
Concen: 0.976 ug/l
RT: 6.914 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU057778.D
Acq: 01 Feb 2024 15:07

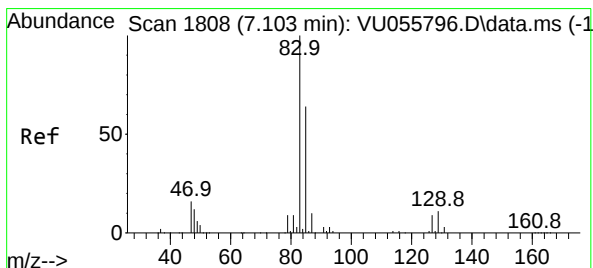
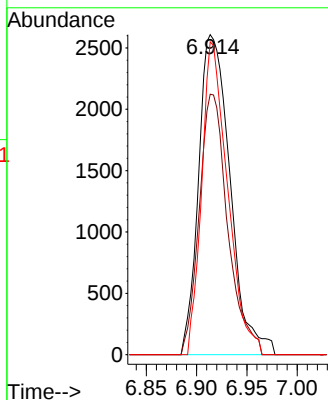
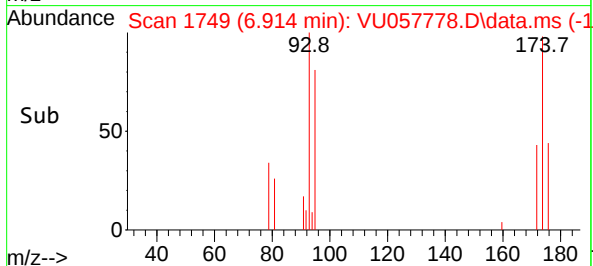
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT1-2024



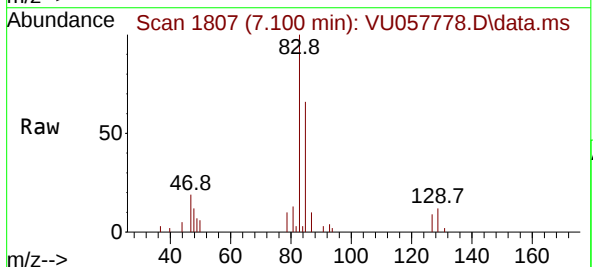
Tgt Ion: 93 Resp: 5672
Ion Ratio Lower Upper
93 100
95 73.7 67.0 100.6
174 80.6 73.8 110.6

Manual Integrations
APPROVED

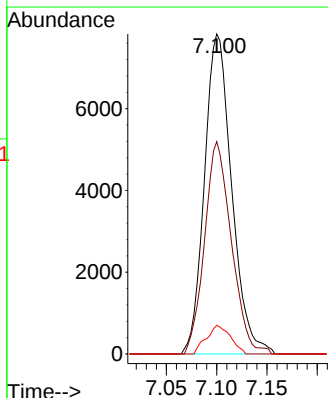
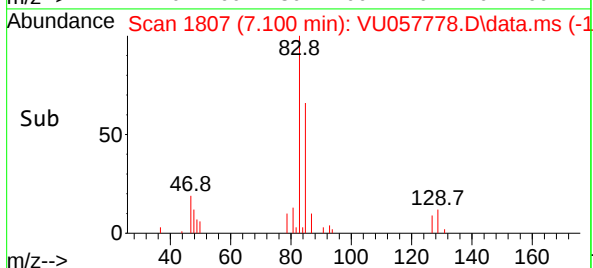
Reviewed By :Semsettin Yesilyurt 02/08/2024
Supervised By :Mahesh Dadoda 02/08/2024

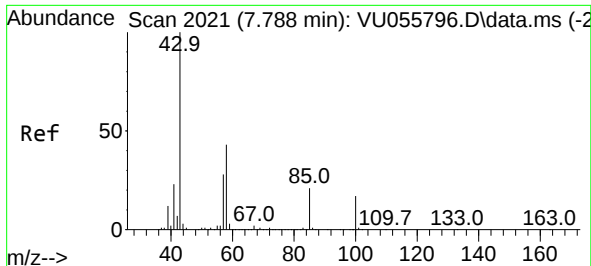


#44
Bromodichloromethane
Concen: 0.906 ug/l
RT: 7.100 min Scan# 1807
Delta R.T. -0.003 min
Lab File: VU057778.D
Acq: 01 Feb 2024 15:07



Tgt Ion: 83 Resp: 14748
Ion Ratio Lower Upper
83 100
85 66.4 51.9 77.9
127 9.0 6.7 10.1





#45

4-Methyl-2-Pentanone

Concen: 4.474 ug/l

RT: 7.788 min Scan# 2021

Delta R.T. 0.000 min

Lab File: VU057778.D

Acq: 01 Feb 2024 15:07

Instrument :

MSVOA_U

ClientSampleId :

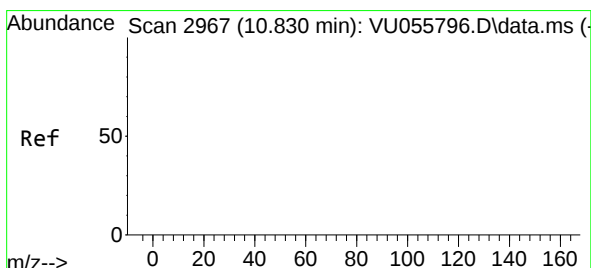
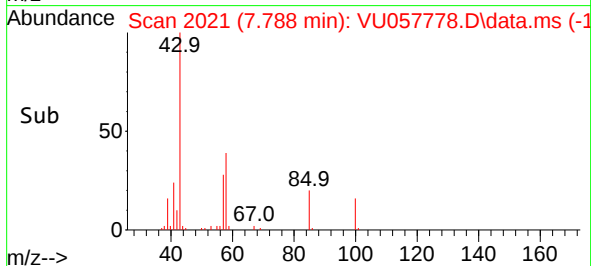
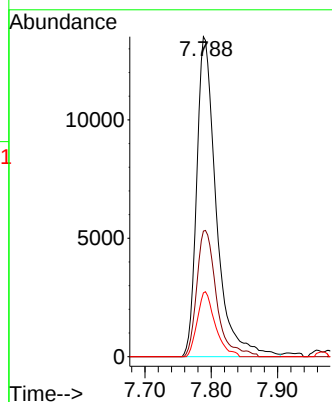
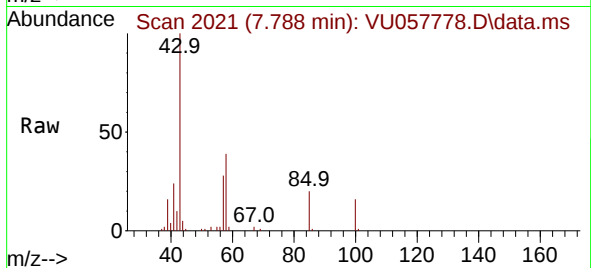
LOQ-WATER-02-QT1-2024

Tgt Ion: 43	Resp: 2771
Ion Ratio	Lower Upper
43 100	
58 39.8	20.9 62.8
85 18.7	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: 1.866 ug/l m

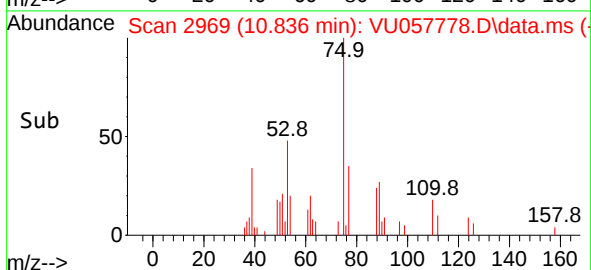
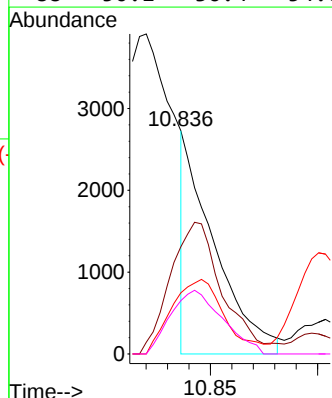
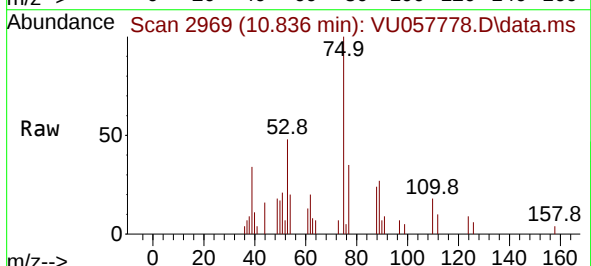
RT: 10.836 min Scan# 2969

Delta R.T. 0.006 min

Lab File: VU057778.D

Acq: 01 Feb 2024 15:07

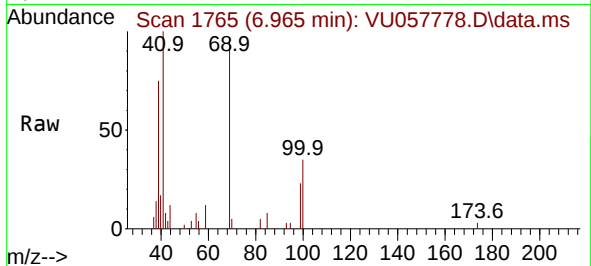
Tgt Ion: 75	Resp: 2626
Ion Ratio	Lower Upper
75 100	
53 104.4	73.3 109.9
89 59.8	48.2 72.4
88 50.1	36.4 54.6





#47
Methyl methacrylate
Concen: 1.688 ug/l
RT: 6.965 min Scan# 1765
Delta R.T. 0.006 min
Lab File: VU057778.D
Acq: 01 Feb 2024 15:07

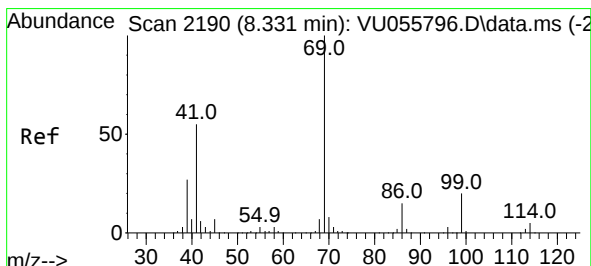
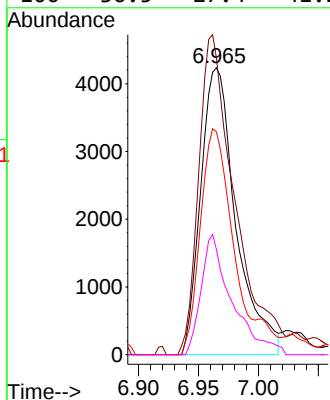
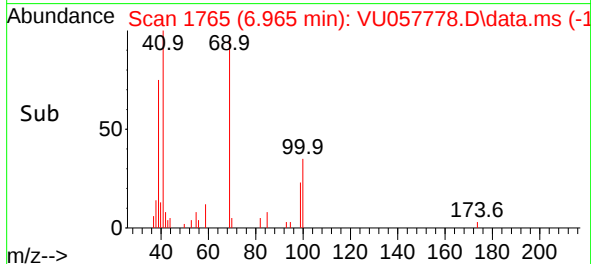
Instrument : MSVOA_U
ClientSampleId : VU057778.D
LOQ-WATER-02-QT1-2024



Tgt Ion: 69 Resp: 8670
Ion Ratio Lower Upper
69 100
41 114.5 0.0 209.2
39 76.5 46.7 70.1
100 36.5 27.4 41.2

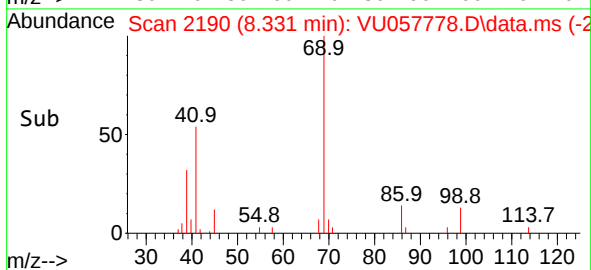
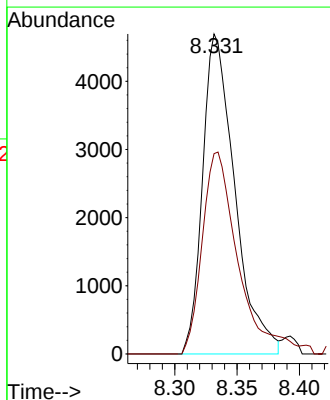
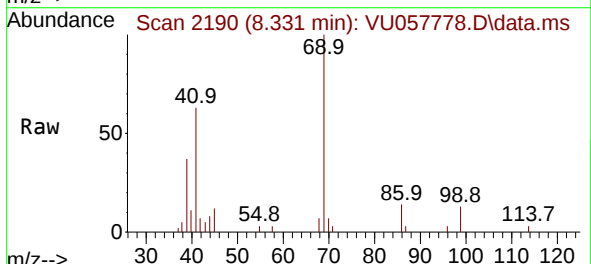
Manual Integrations
APPROVED

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



#48
Ethyl methacrylate
Concen: 0.820 ug/l
RT: 8.331 min Scan# 2190
Delta R.T. 0.000 min
Lab File: VU057778.D
Acq: 01 Feb 2024 15:07

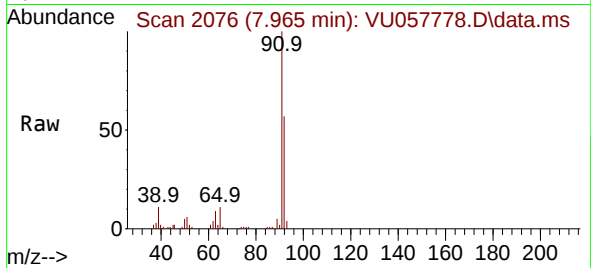
Tgt Ion: 69 Resp: 8436
Ion Ratio Lower Upper
69 100
41 69.9 30.3 90.8





#49
Toluene
Concen: 0.897 ug/l
RT: 7.965 min Scan# 2076
Delta R.T. -0.000 min
Lab File: VU057778.D
Acq: 01 Feb 2024 15:07

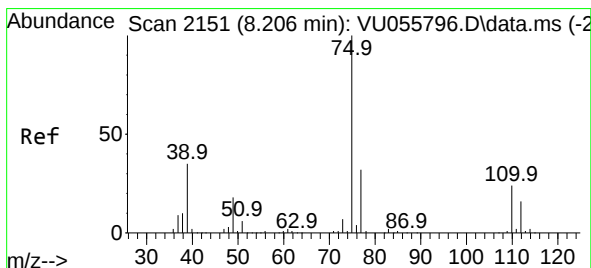
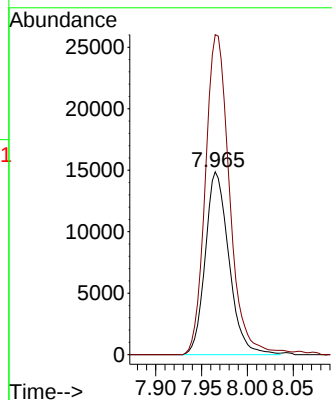
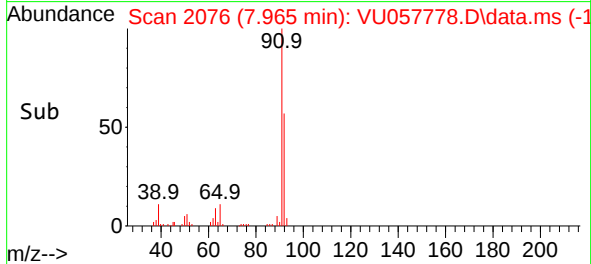
Instrument : MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT1-2024



Tgt Ion: 92 Resp: 26690
Ion Ratio Lower Upper
92 100
91 179.1 143.0 214.6

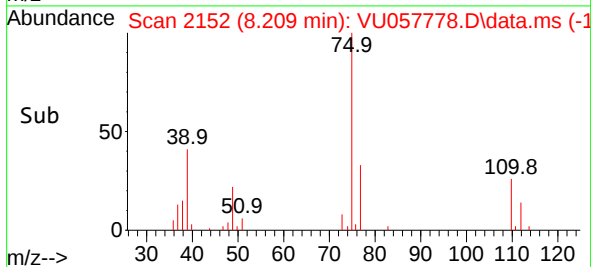
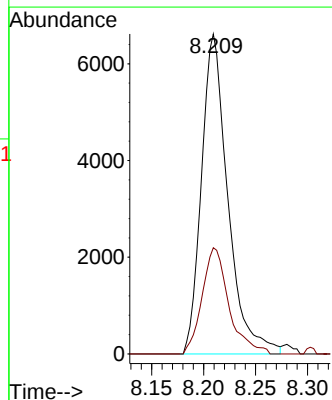
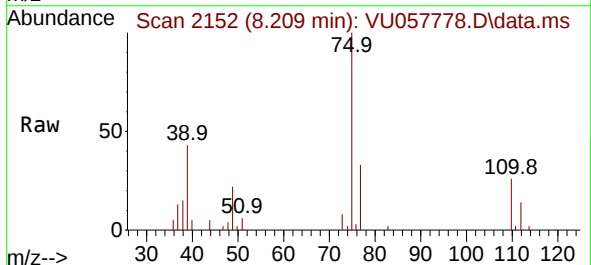
Manual Integrations
APPROVED

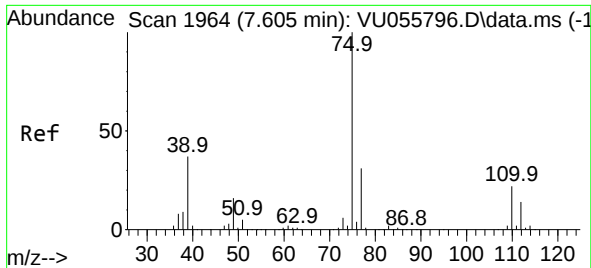
Reviewed By :Semsettin Yesilyurt 02/08/2024
Supervised By :Mahesh Dadoda 02/08/2024



#50
t-1,3-Dichloropropene
Concen: 0.832 ug/l
RT: 8.209 min Scan# 2152
Delta R.T. 0.003 min
Lab File: VU057778.D
Acq: 01 Feb 2024 15:07

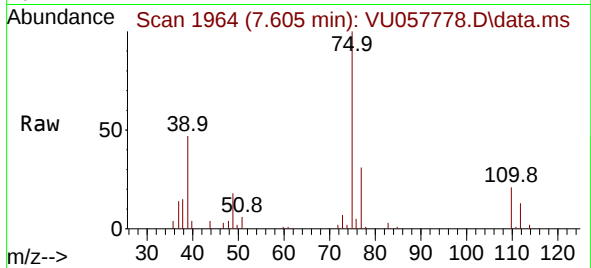
Tgt Ion: 75 Resp: 11689
Ion Ratio Lower Upper
75 100
77 33.2 25.3 37.9





#51
cis-1,3-Dichloropropene
Concen: 0.895 ug/l
RT: 7.605 min Scan# 1964
Delta R.T. -0.000 min
Lab File: VU057778.D
Acq: 01 Feb 2024 15:07

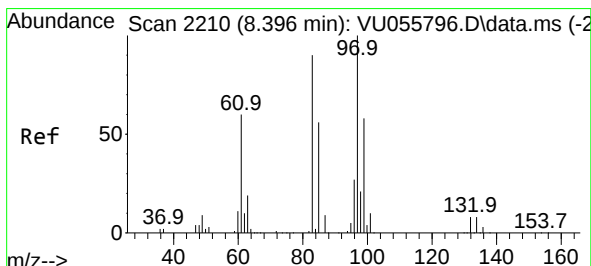
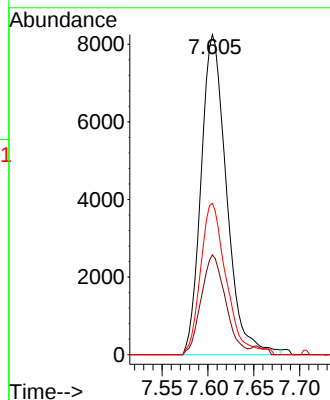
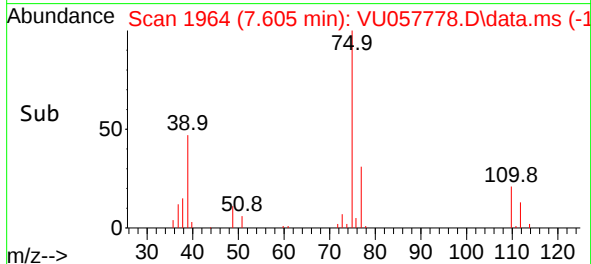
Instrument : MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT1-2024



Tgt Ion: 75 Resp: 15932
Ion Ratio Lower Upper
75 100
77 31.2 25.7 38.5
39 47.3 32.8 49.2

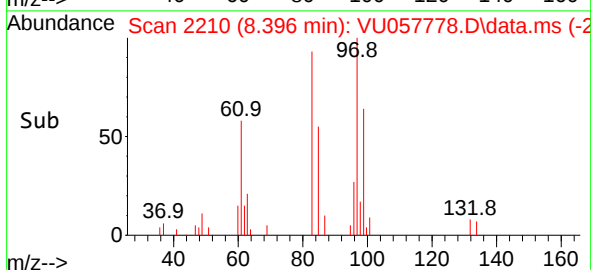
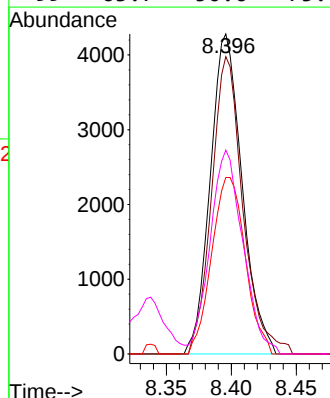
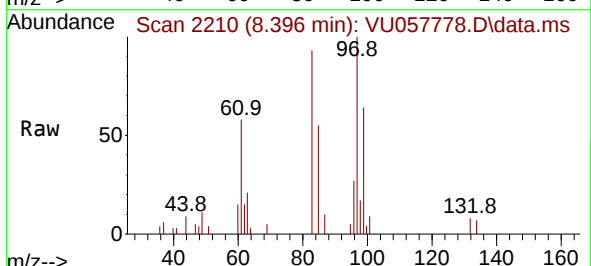
Manual Integrations
APPROVED

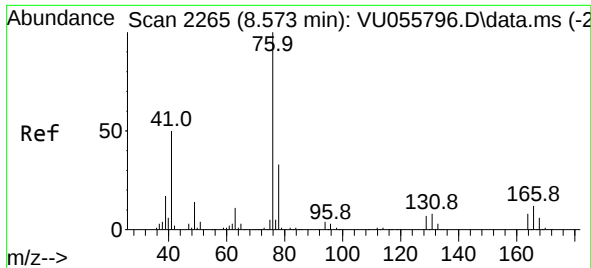
Reviewed By :Semsettin Yesilyurt 02/08/2024
Supervised By :Mahesh Dadoda 02/08/2024



#52
1,1,2-Trichloroethane
Concen: 0.909 ug/l
RT: 8.396 min Scan# 2210
Delta R.T. -0.000 min
Lab File: VU057778.D
Acq: 01 Feb 2024 15:07

Tgt Ion: 97 Resp: 7278
Ion Ratio Lower Upper
97 100
83 92.9 71.8 107.8
85 55.2 45.2 67.8
99 63.7 50.6 75.8





#53

1,3-Dichloropropane

Concen: 0.923 ug/l

RT: 8.573 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU057778.D

Acq: 01 Feb 2024 15:07

Instrument :

MSVOA_U

ClientSampleId :

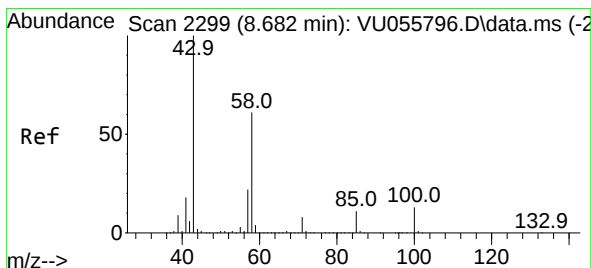
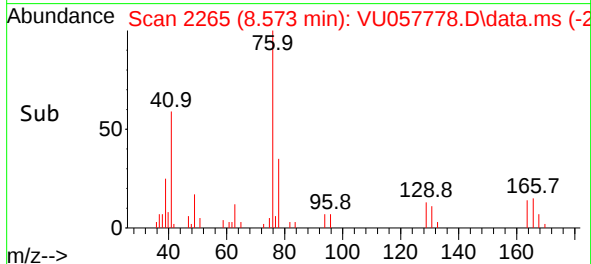
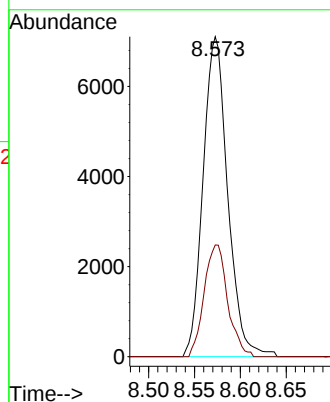
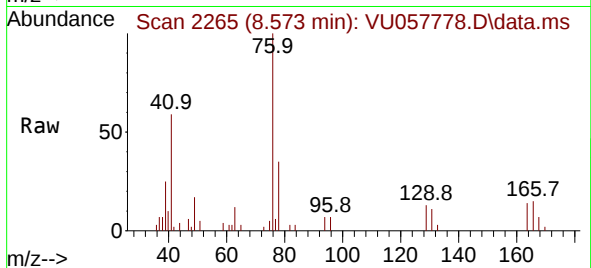
LOQ-WATER-02-QT1-2024

Tgt Ion: 76 Resp: 13290
 Ion Ratio Lower Upper
 76 100
 78 33.3 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: 4.349 ug/l

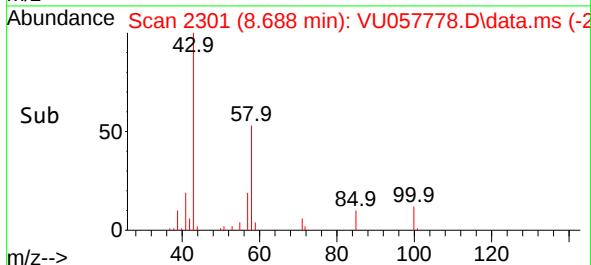
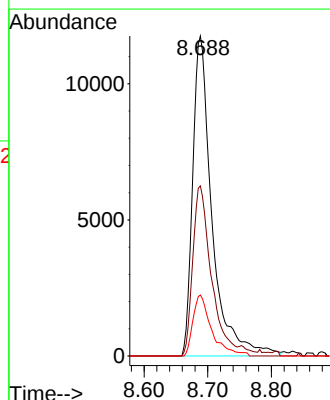
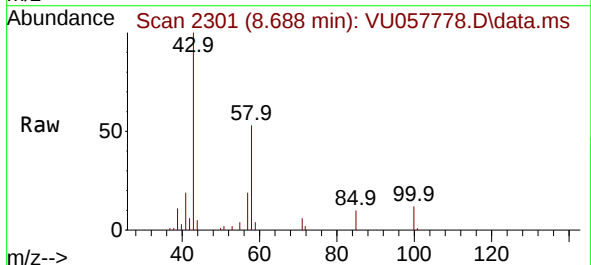
RT: 8.688 min Scan# 2301

Delta R.T. 0.006 min

Lab File: VU057778.D

Acq: 01 Feb 2024 15:07

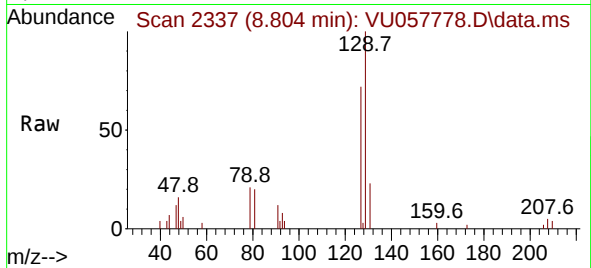
Tgt Ion: 43 Resp: 24801
 Ion Ratio Lower Upper
 43 100
 58 50.7 38.2 78.2
 57 18.4 0.0 39.1





#55
Dibromochloromethane
Concen: 0.889 ug/l
RT: 8.804 min Scan# 2337
Delta R.T. -0.003 min
Lab File: VU057778.D
Acq: 01 Feb 2024 15:07

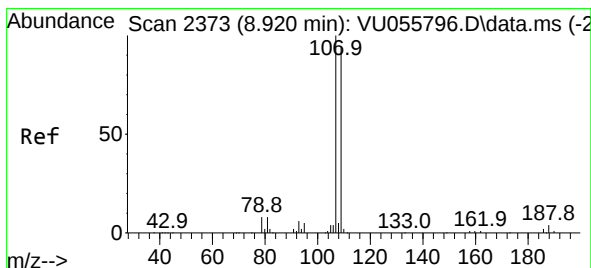
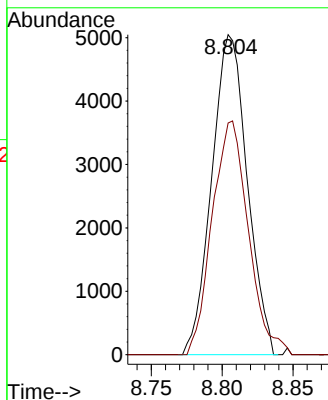
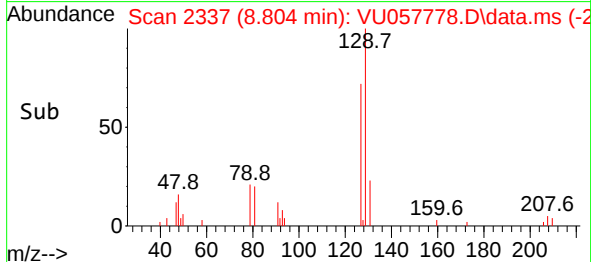
Instrument : MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT1-2024



Tgt Ion:129 Resp: 8810
Ion Ratio Lower Upper
129 100
127 74.4 61.4 92.0

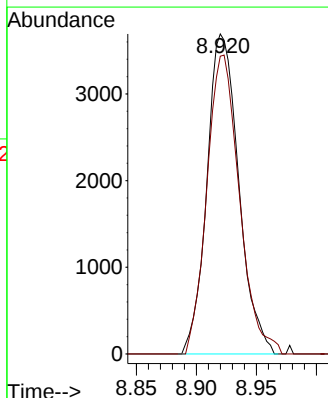
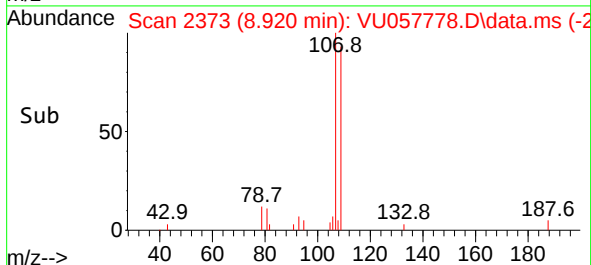
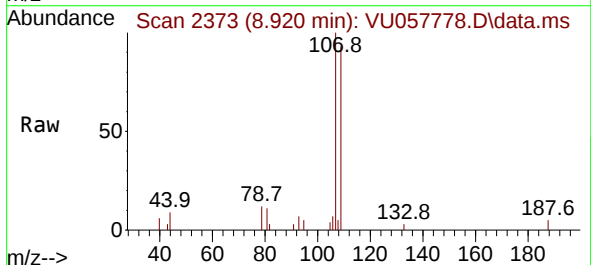
Manual Integrations
APPROVED

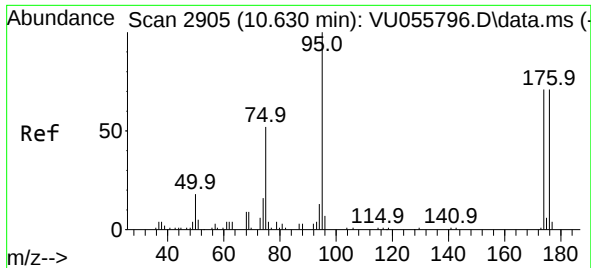
Reviewed By :Semsettin Yesilyurt 02/08/2024
Supervised By :Mahesh Dadoda 02/08/2024



#56
1,2-Dibromoethane
Concen: 0.923 ug/l
RT: 8.920 min Scan# 2373
Delta R.T. -0.000 min
Lab File: VU057778.D
Acq: 01 Feb 2024 15:07

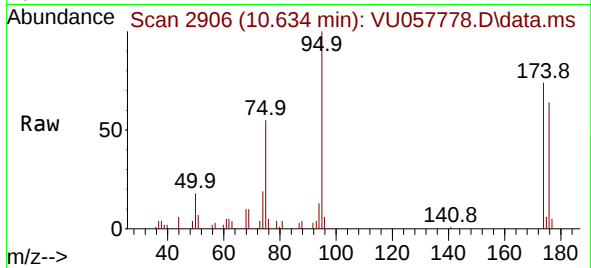
Tgt Ion:107 Resp: 6804
Ion Ratio Lower Upper
107 100
109 95.3 0.0 184.4





#57
4-Bromofluorobenzene
Concen: 0.912 ug/l
RT: 10.634 min Scan# 2905
Delta R.T. 0.004 min
Lab File: VU057778.D
Acq: 01 Feb 2024 15:07

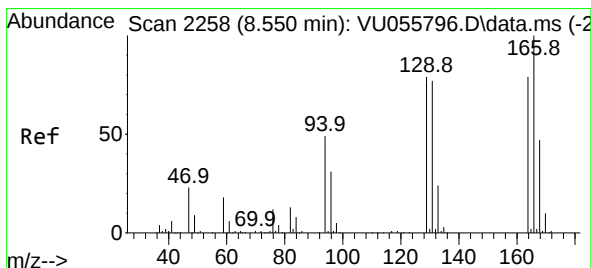
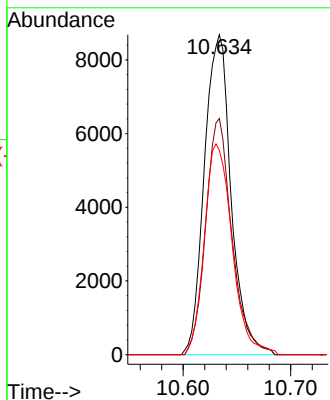
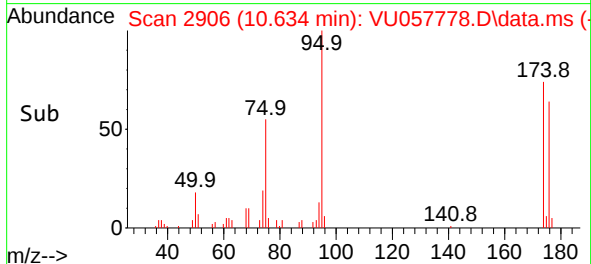
Instrument : MSVOA_U
ClientSampleId : LOQ-WATER-02-QT1-2024



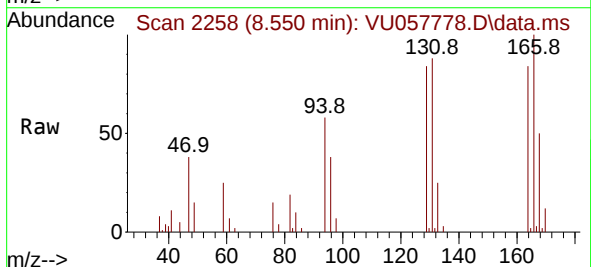
Tgt Ion: 95 Resp: 15036
Ion Ratio Lower Upper
95 100
174 72.5 63.3 94.9
176 68.2 59.3 88.9

Manual Integrations
APPROVED

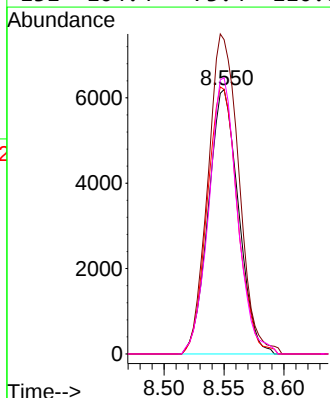
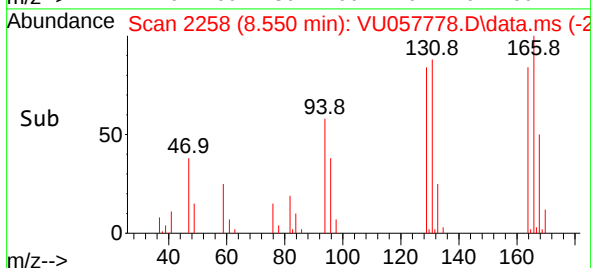
Reviewed By :Semsettin Yesilyurt 02/08/2024
Supervised By :Mahesh Dadoda 02/08/2024

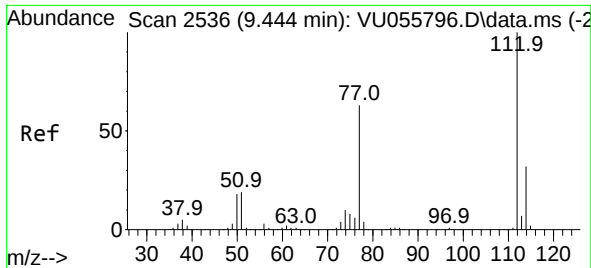


#58
Tetrachloroethene
Concen: 0.947 ug/l
RT: 8.550 min Scan# 2258
Delta R.T. 0.000 min
Lab File: VU057778.D
Acq: 01 Feb 2024 15:07



Tgt Ion:164 Resp: 10817
Ion Ratio Lower Upper
164 100
166 118.8 99.6 149.4
129 100.0 78.6 117.8
131 104.4 73.4 110.0





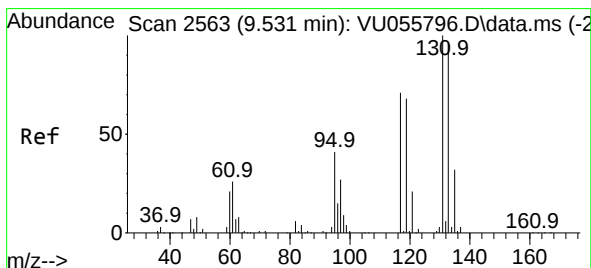
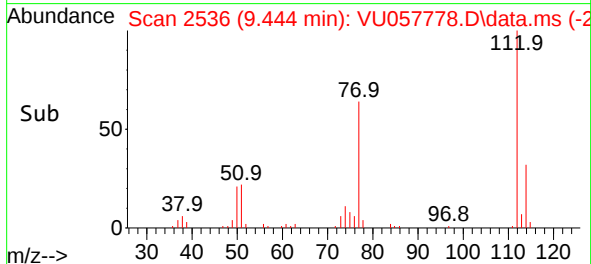
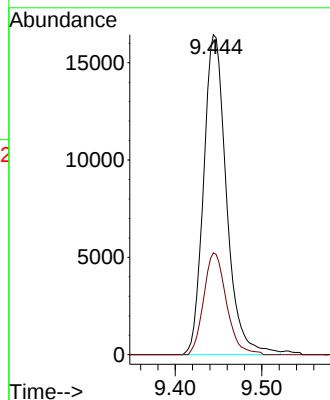
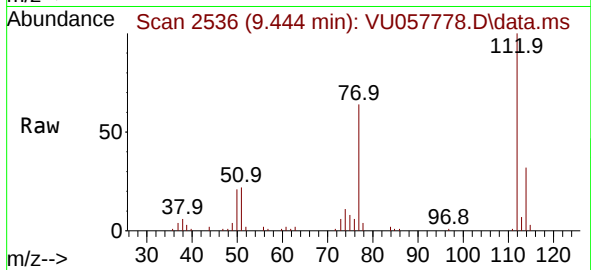
#59
Chlorobenzene
Concen: 0.916 ug/l
RT: 9.444 min Scan# 2536
Delta R.T. -0.000 min
Lab File: VU057778.D
Acq: 01 Feb 2024 15:07

Instrument : MSVOA_U
ClientSampleId : LOQ-WATER-02-QT1-2024

Tgt Ion:112 Resp: 3015
Ion Ratio Lower Upper
112 100
114 31.8 25.6 38.4

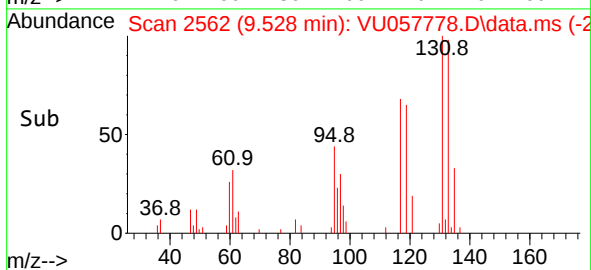
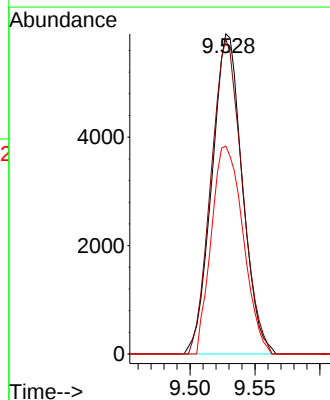
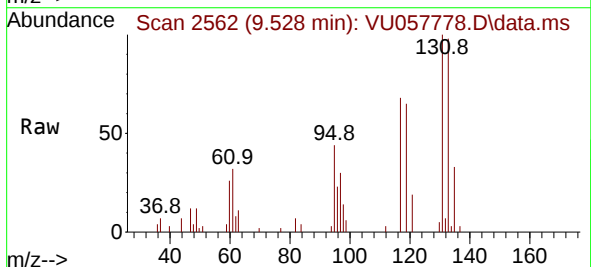
Manual Integrations
APPROVED

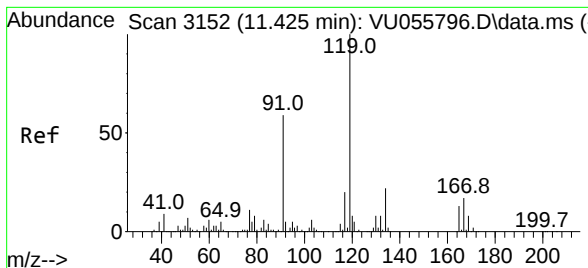
Reviewed By :Semsettin Yesilyurt 02/08/2024
Supervised By :Mahesh Dadoda 02/08/2024



#60
1,1,1,2-Tetrachloroethane
Concen: 0.859 ug/l
RT: 9.528 min Scan# 2562
Delta R.T. -0.003 min
Lab File: VU057778.D
Acq: 01 Feb 2024 15:07

Tgt Ion:131 Resp: 9597
Ion Ratio Lower Upper
131 100
133 100.4 77.8 116.6
119 67.7 55.2 82.8





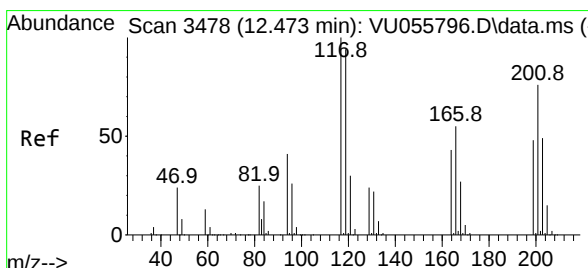
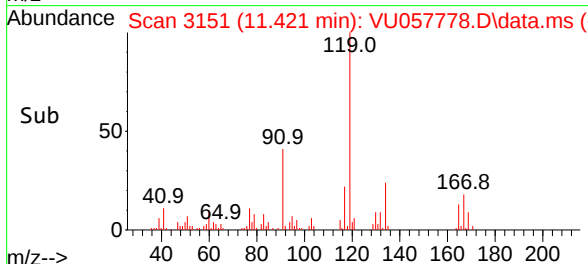
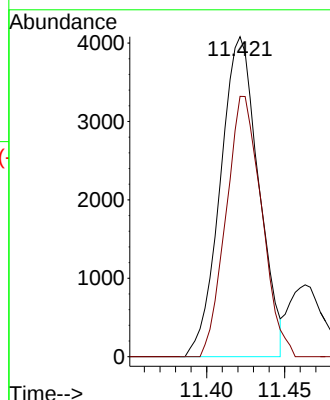
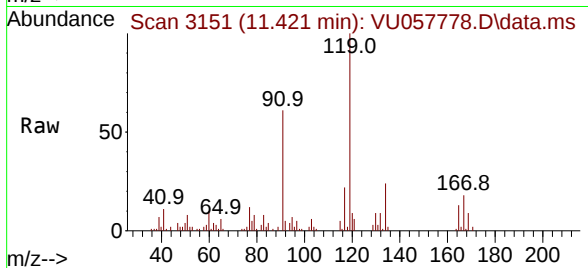
#61
Pentachloroethane
Concen: 0.859 ug/l
RT: 11.421 min Scan# 3152
Delta R.T. -0.004 min
Lab File: VU057778.D
Acq: 01 Feb 2024 15:07

Instrument : MSVOA_U
ClientSampleId : LOQ-WATER-02-QT1-2024

Tgt Ion:117 Resp: 6978
Ion Ratio Lower Upper
117 100
167 75.4 56.7 85.1

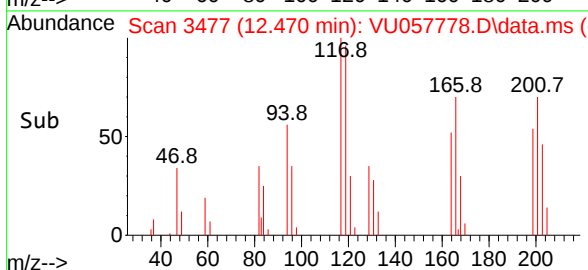
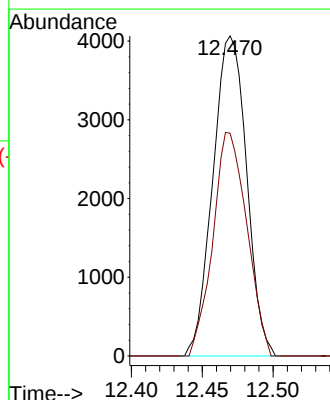
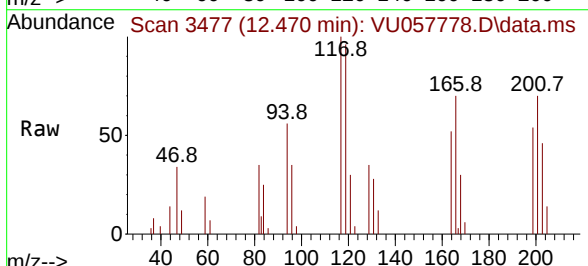
Manual Integrations
APPROVED

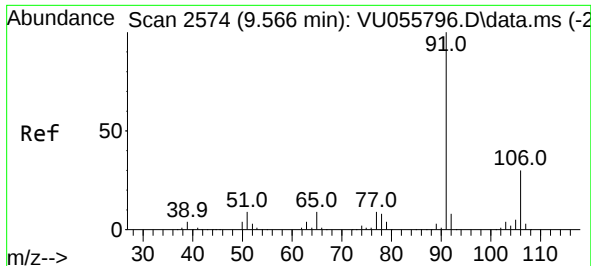
Reviewed By :Semsettin Yesilyurt 02/08/2024
Supervised By :Mahesh Dadoda 02/08/2024



#62
Hexachloroethane
Concen: 0.761 ug/l
RT: 12.470 min Scan# 3477
Delta R.T. -0.003 min
Lab File: VU057778.D
Acq: 01 Feb 2024 15:07

Tgt Ion:117 Resp: 6744
Ion Ratio Lower Upper
117 100
201 70.2 59.6 89.4





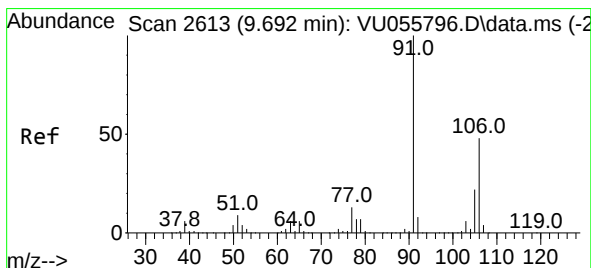
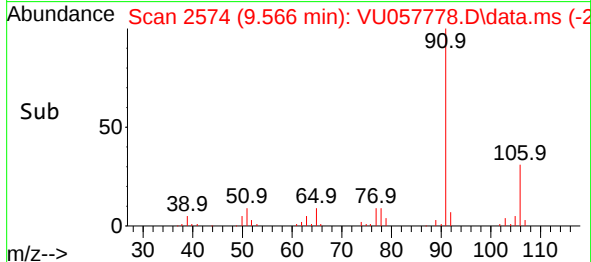
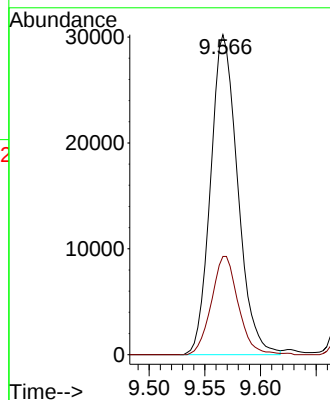
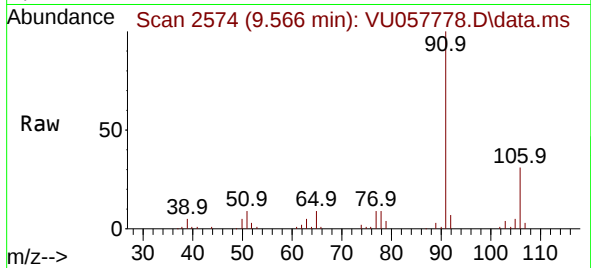
#63
Ethyl Benzene
Concen: 0.874 ug/l
RT: 9.566 min Scan# 2574
Delta R.T. 0.000 min
Lab File: VU057778.D
Acq: 01 Feb 2024 15:07

Instrument : MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT1-2024

Tgt Ion: 91 Resp: 51148
Ion Ratio Lower Upper
91 100
106 30.7 24.2 36.2

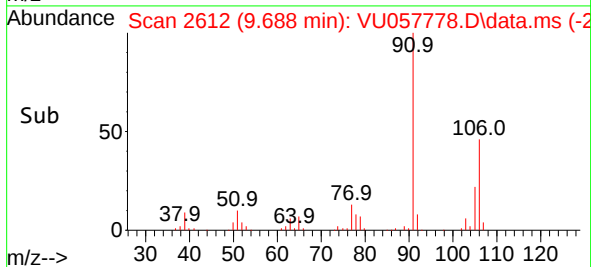
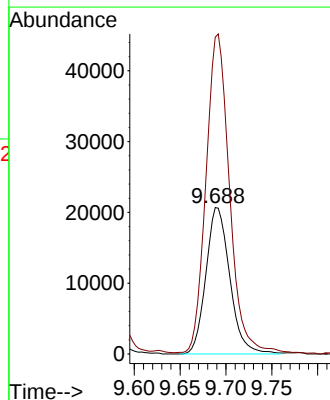
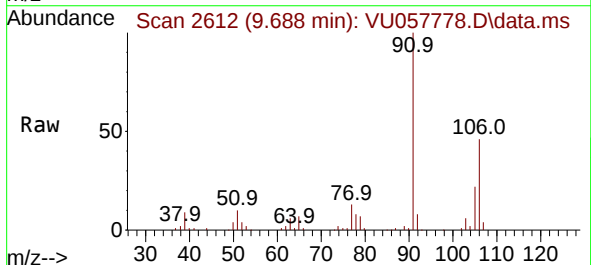
Manual Integrations
APPROVED

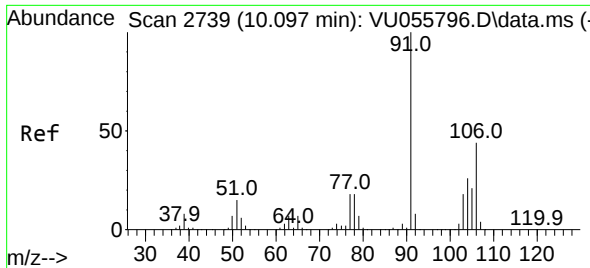
Reviewed By :Semsettin Yesilyurt 02/08/2024
Supervised By :Mahesh Dadoda 02/08/2024



#64
m/p-Xylenes
Concen: 1.766 ug/l
RT: 9.688 min Scan# 2612
Delta R.T. -0.004 min
Lab File: VU057778.D
Acq: 01 Feb 2024 15:07

Tgt Ion:106 Resp: 37549
Ion Ratio Lower Upper
106 100
91 214.4 167.3 250.9





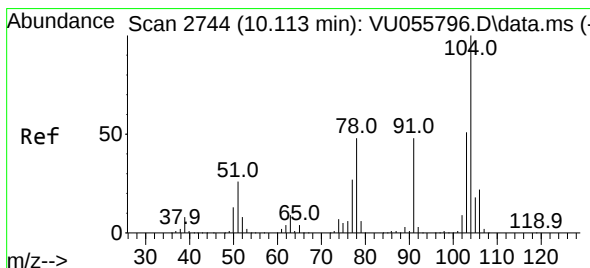
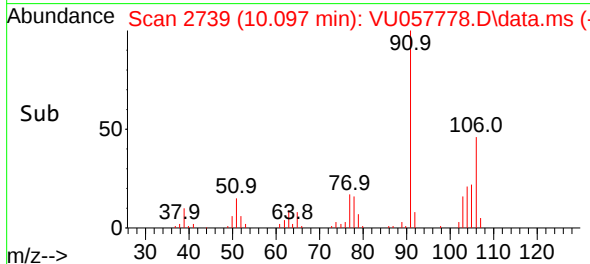
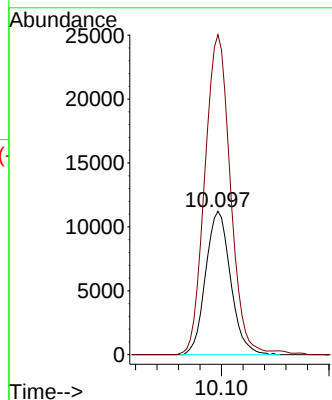
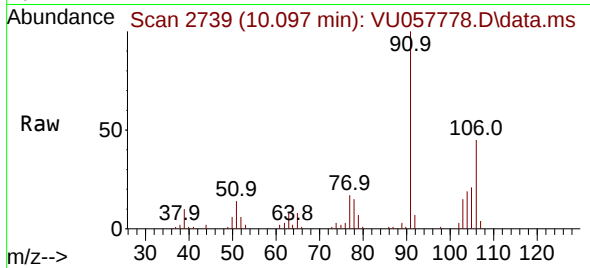
#65
o-Xylene
Concen: 0.859 ug/l
RT: 10.097 min Scan# 2739
Delta R.T. -0.000 min
Lab File: VU057778.D
Acq: 01 Feb 2024 15:07

Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT1-2024

Tgt Ion:106 Resp: 18084
Ion Ratio Lower Upper
106 100
91 228.0 109.3 327.9

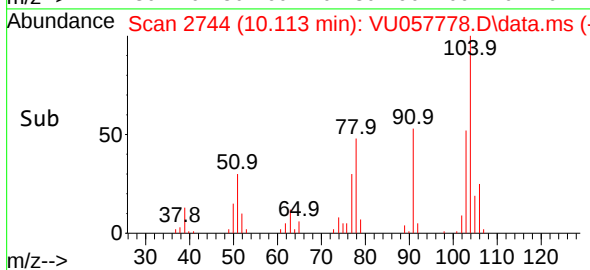
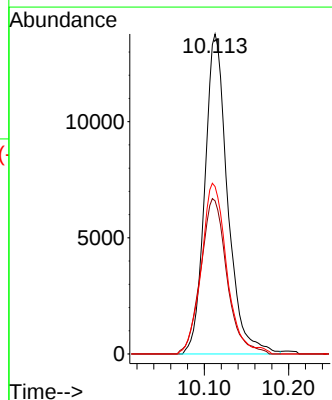
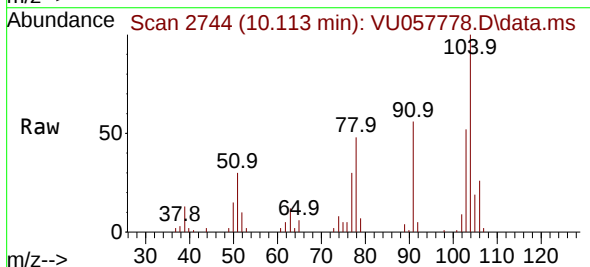
Manual Integrations
APPROVED

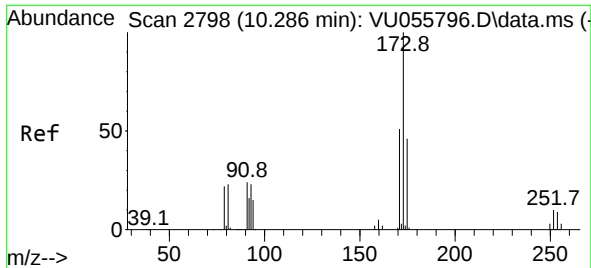
Reviewed By :Semsettin Yesilyurt 02/08/2024
Supervised By :Mahesh Dadoda 02/08/2024



#66
Styrene
Concen: 0.828 ug/l
RT: 10.113 min Scan# 2744
Delta R.T. -0.000 min
Lab File: VU057778.D
Acq: 01 Feb 2024 15:07

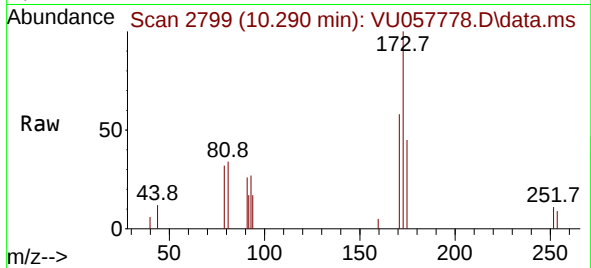
Tgt Ion:104 Resp: 26001
Ion Ratio Lower Upper
104 100
78 55.6 39.7 59.5
103 59.5 44.8 67.2





#67
Bromoform
Concen: 0.820 ug/l
RT: 10.290 min Scan# 2798
Delta R.T. 0.004 min
Lab File: VU057778.D
Acq: 01 Feb 2024 15:07

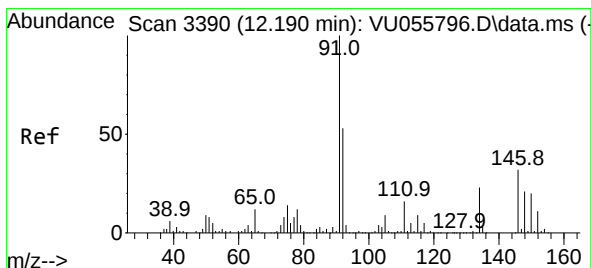
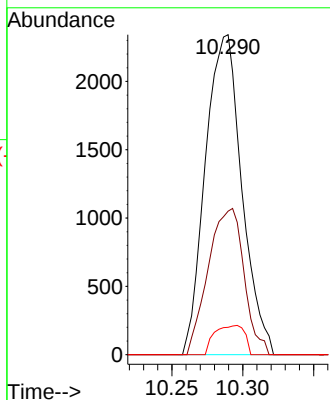
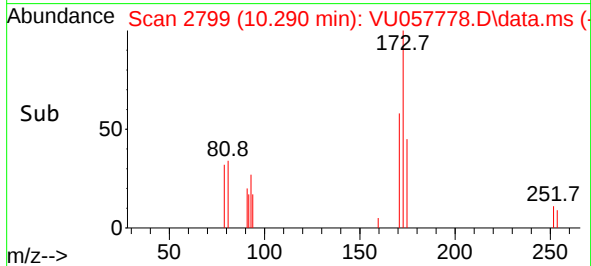
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT1-2024



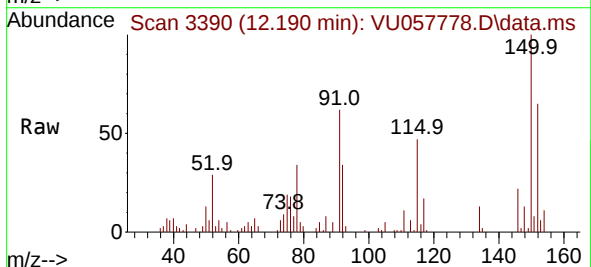
Tgt Ion:173 Resp: 418
Ion Ratio Lower Upper
173 100
175 44.9 39.0 58.6
254 7.5 7.4 11.0

Manual Integrations
APPROVED

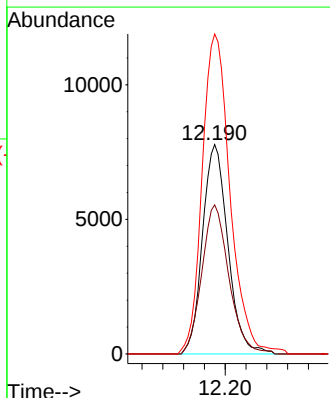
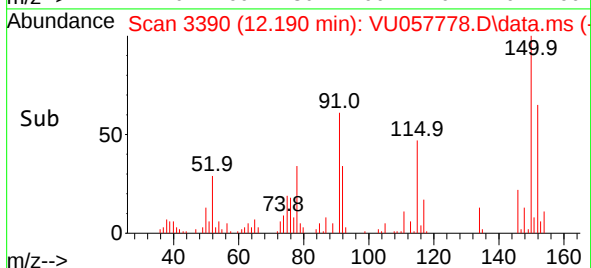
Reviewed By :Semsettin Yesilyurt 02/08/2024
Supervised By :Mahesh Dadoda 02/08/2024

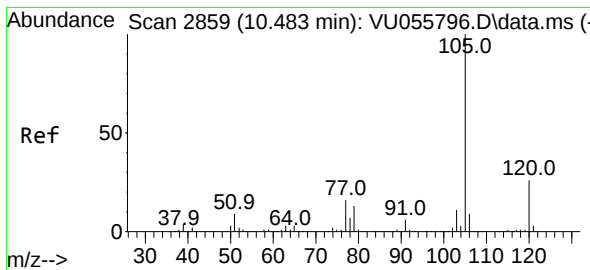


#68
1,2-Dichlorobenzene-d4
Concen: 0.889 ug/l
RT: 12.190 min Scan# 3390
Delta R.T. -0.000 min
Lab File: VU057778.D
Acq: 01 Feb 2024 15:07



Tgt Ion:152 Resp: 13186
Ion Ratio Lower Upper
152 100
115 76.1 0.0 308.8
150 168.4 0.0 635.0





#69

Isopropylbenzene

Concen: 0.847 ug/l

RT: 10.479 min Scan# 2859

Delta R.T. -0.004 min

Lab File: VU057778.D

Acq: 01 Feb 2024 15:07

Instrument :

MSVOA_U

ClientSampleId :

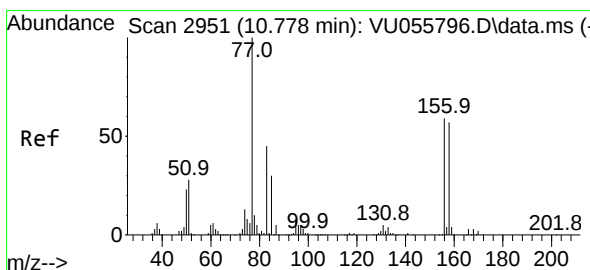
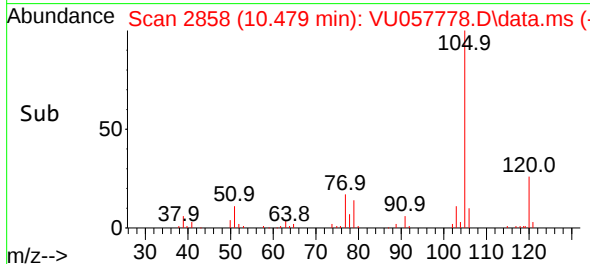
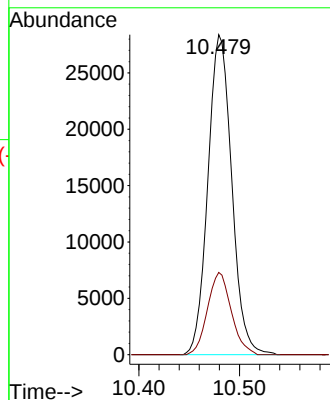
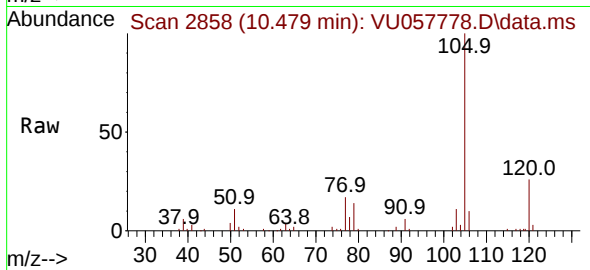
LOQ-WATER-02-QT1-2024

Tgt Ion:	105	Resp:	4674
Ion Ratio	Lower	Upper	
105	100		
120	25.6	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: 0.875 ug/l

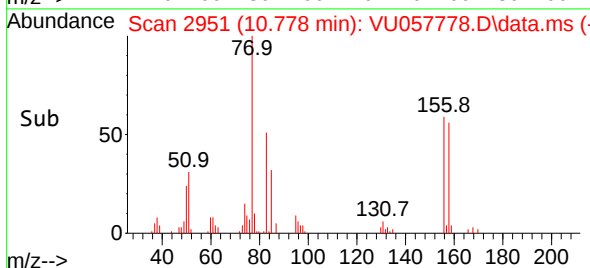
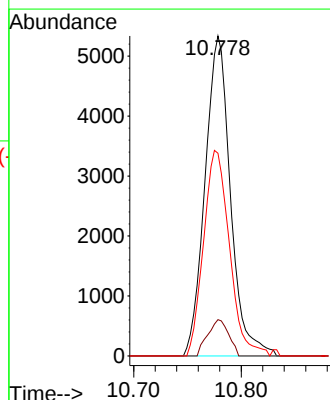
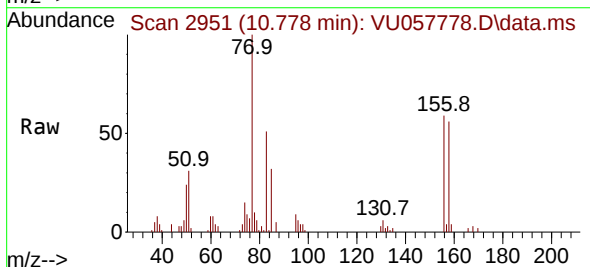
RT: 10.778 min Scan# 2951

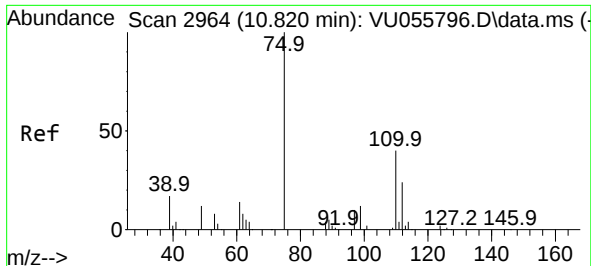
Delta R.T. 0.000 min

Lab File: VU057778.D

Acq: 01 Feb 2024 15:07

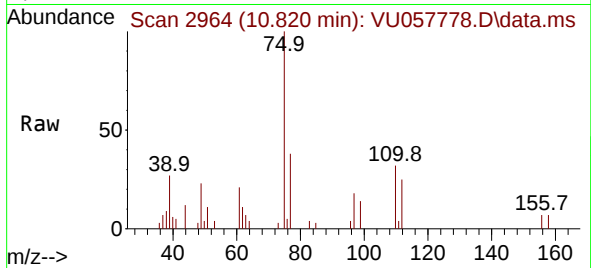
Tgt Ion:	83	Resp:	8785
Ion Ratio	Lower	Upper	
83	100		
131	9.3	7.2	10.8
85	65.4	50.5	75.7





#71
1,2,3-Trichloropropane
Concen: 0.904 ug/l m
RT: 10.820 min Scan# 2964
Delta R.T. 0.000 min
Lab File: VU057778.D
Acq: 01 Feb 2024 15:07

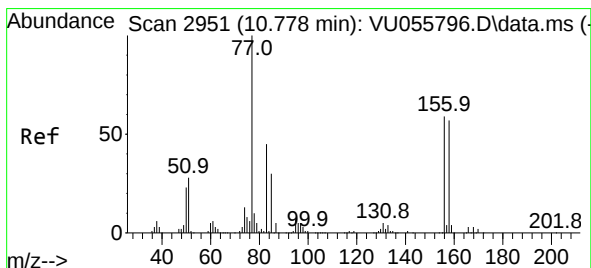
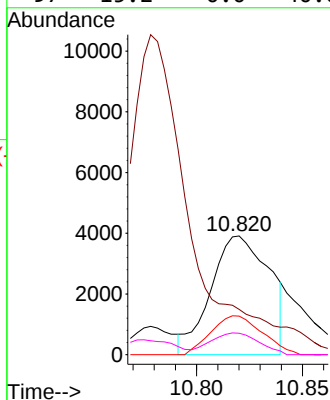
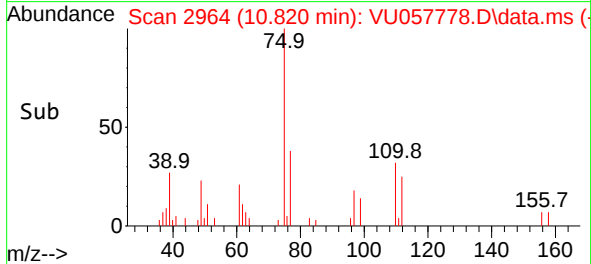
Instrument : MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT1-2024



Tgt Ion: 75 Resp: 7490
Ion Ratio Lower Upper
75 100
77 0.0 0.0 116.4
110 28.8 0.0 74.6
97 15.2 0.0 40.0

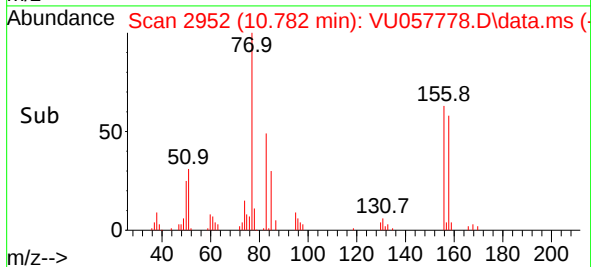
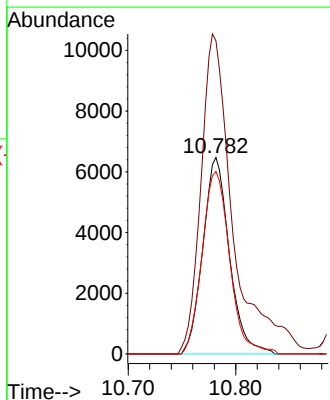
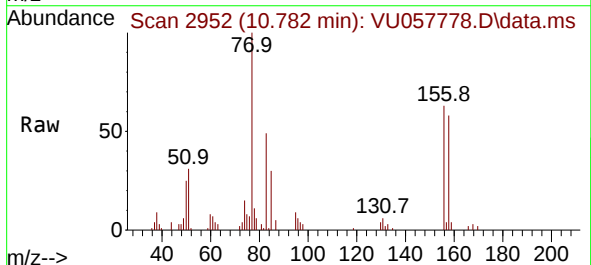
Manual Integrations
APPROVED

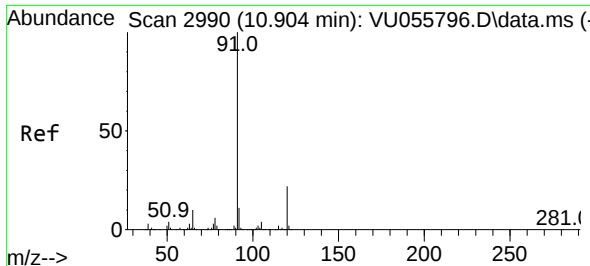
Reviewed By :Semsettin Yesilyurt 02/08/2024
Supervised By :Mahesh Dadoda 02/08/2024



#72
Bromobenzene
Concen: 0.916 ug/l
RT: 10.782 min Scan# 2952
Delta R.T. 0.004 min
Lab File: VU057778.D
Acq: 01 Feb 2024 15:07

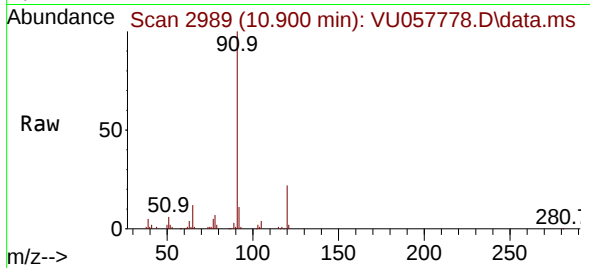
Tgt Ion:156 Resp: 11120
Ion Ratio Lower Upper
156 100
77 197.3 0.0 343.0
158 96.4 0.0 194.8





#73
n-propylbenzene
Concen: 1.072 ug/l
RT: 10.900 min Scan# 2990
Delta R.T. -0.004 min
Lab File: VU057778.D
Acq: 01 Feb 2024 15:07

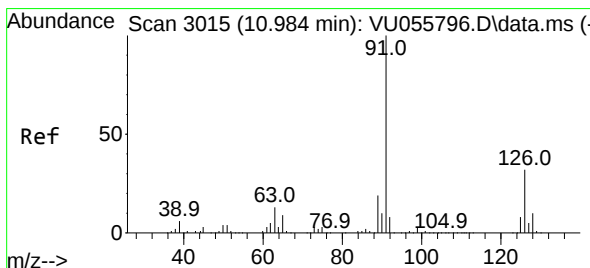
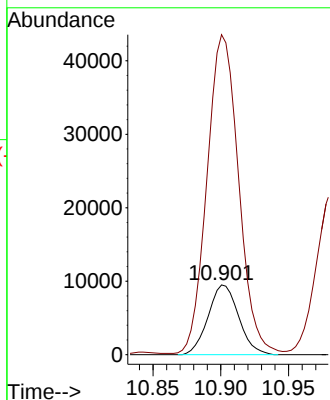
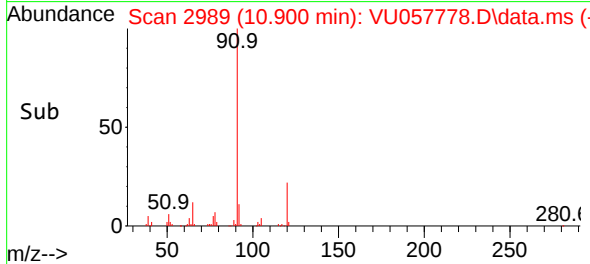
Instrument : MSVOA_U
ClientSampleId : LOQ-WATER-02-QT1-2024



Tgt Ion:120 Resp: 1486
Ion Ratio Lower Upper
120 100
91 472.3 369.8 554.6

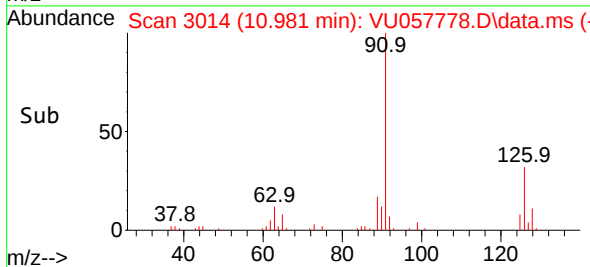
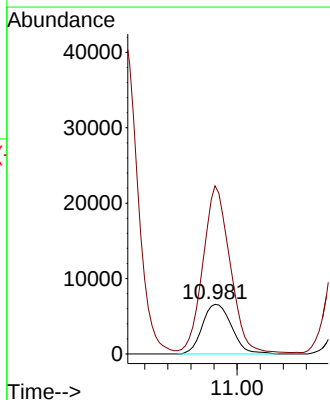
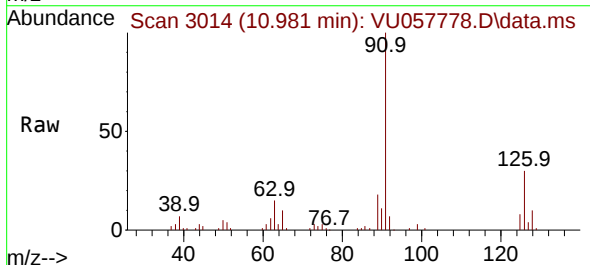
Manual Integrations
APPROVED

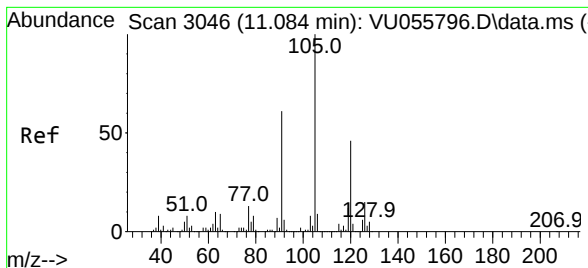
Reviewed By :Semsettin Yesilyurt 02/08/2024
Supervised By :Mahesh Dadoda 02/08/2024



#74
2-Chlorotoluene
Concen: 0.900 ug/l
RT: 10.981 min Scan# 3014
Delta R.T. -0.003 min
Lab File: VU057778.D
Acq: 01 Feb 2024 15:07

Tgt Ion:126 Resp: 11577
Ion Ratio Lower Upper
126 100
91 314.0 0.0 610.0





#75

1,3,5-Trimethylbenzene

Concen: 0.874 ug/l

RT: 11.084 min Scan# 3046

Delta R.T. -0.000 min

Lab File: VU057778.D

Acq: 01 Feb 2024 15:07

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT1-2024

Tgt Ion:105 Resp: 4141

Ion Ratio Lower Upper

105 100

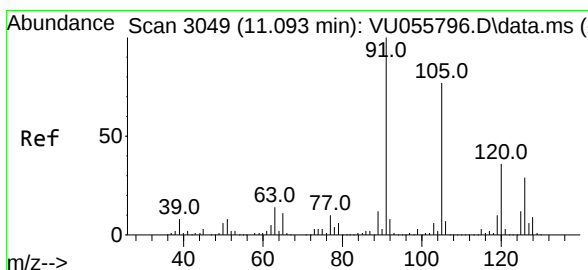
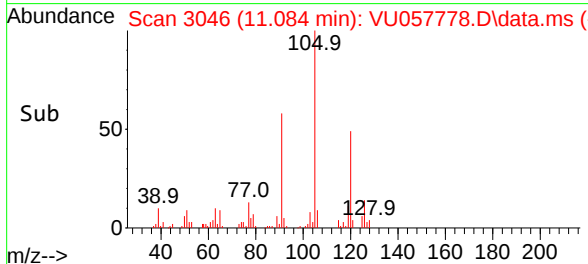
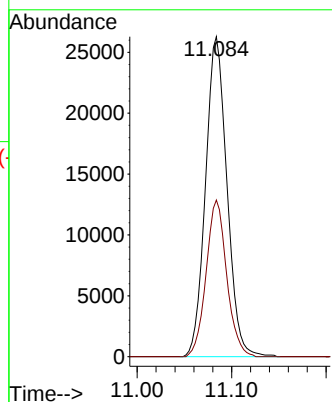
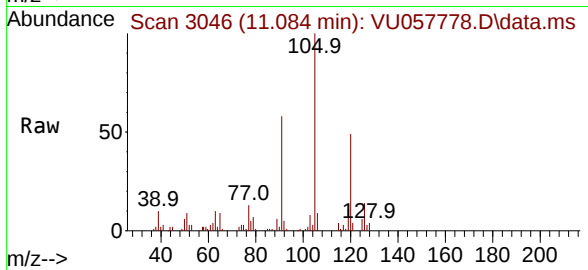
120 47.0 37.8 56.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/08/2024

Supervised By :Mahesh Dadoda 02/08/2024



#76

4-Chlorotoluene

Concen: 0.878 ug/l

RT: 11.097 min Scan# 3050

Delta R.T. 0.004 min

Lab File: VU057778.D

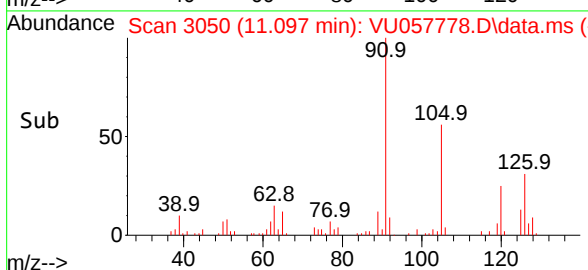
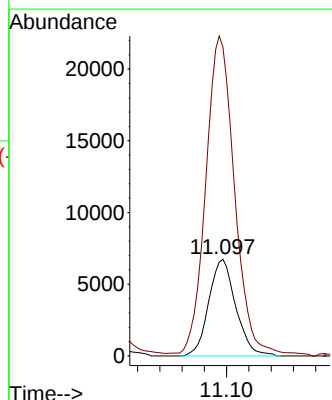
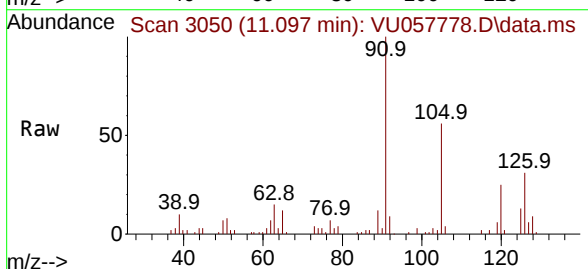
Acq: 01 Feb 2024 15:07

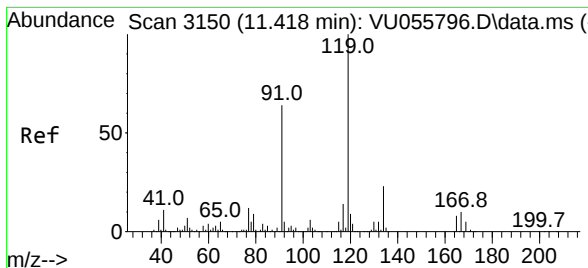
Tgt Ion:126 Resp: 11348

Ion Ratio Lower Upper

126 100

91 355.8 0.0 686.2





#77

tert-Butylbenzene

Concen: 0.871 ug/l

RT: 11.415 min Scan# 3150

Delta R.T. -0.003 min

Lab File: VU057778.D

Acq: 01 Feb 2024 15:07

Instrument :

MSVOA_U

ClientSampleId :

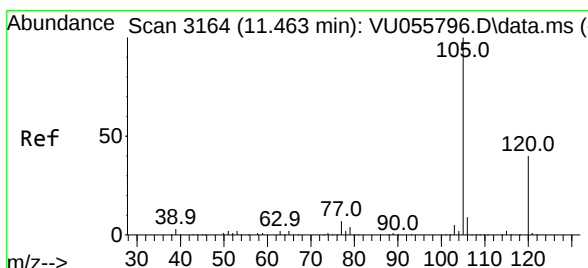
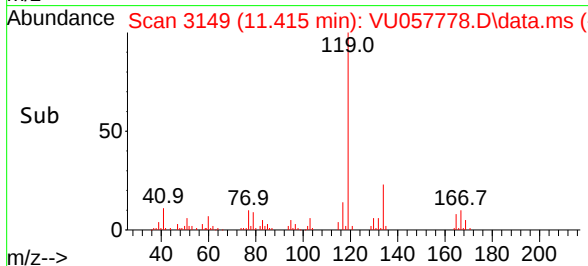
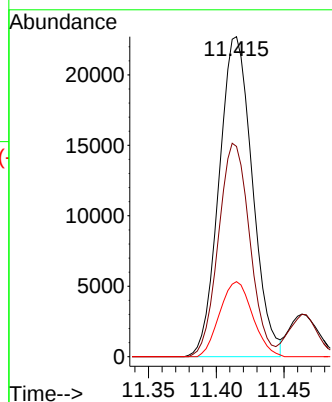
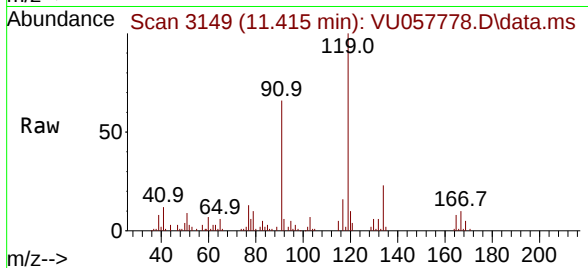
LOQ-WATER-02-QT1-2024

Tgt Ion:	119	Resp:	3874
Ion Ratio	Lower	Upper	
119	100		
91	62.9	30.8	92.4
134	23.2	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: 0.865 ug/l

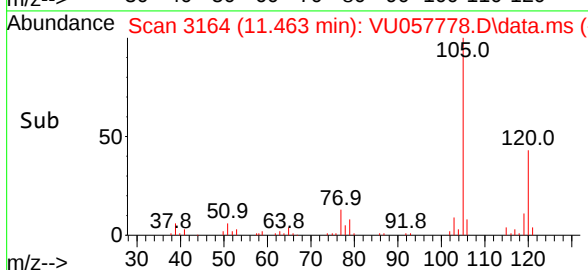
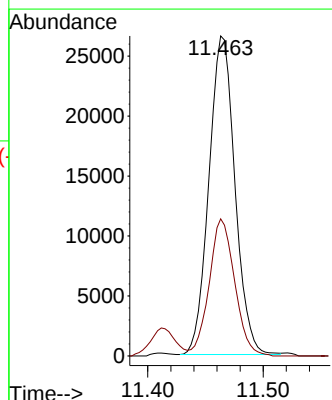
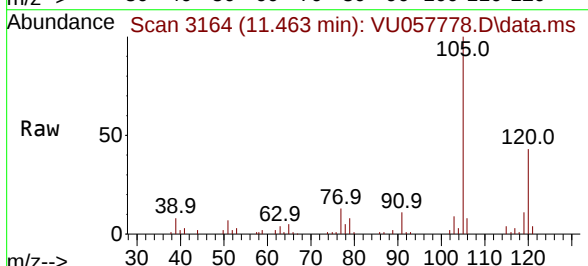
RT: 11.463 min Scan# 3164

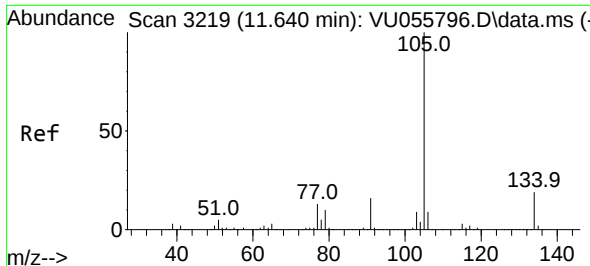
Delta R.T. 0.000 min

Lab File: VU057778.D

Acq: 01 Feb 2024 15:07

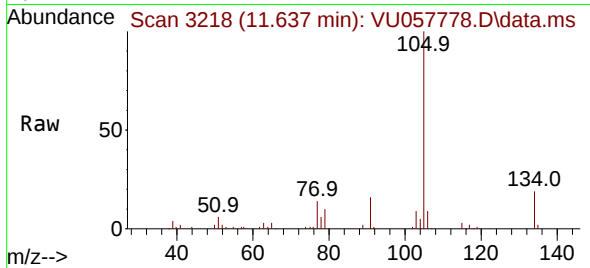
Tgt Ion:	105	Resp:	41601
Ion Ratio	Lower	Upper	
105	100		
120	42.2	21.9	65.8





#79
sec-Butylbenzene
Concen: 0.888 ug/l
RT: 11.637 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU057778.D
Acq: 01 Feb 2024 15:07

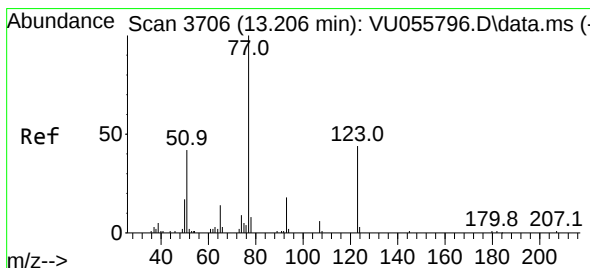
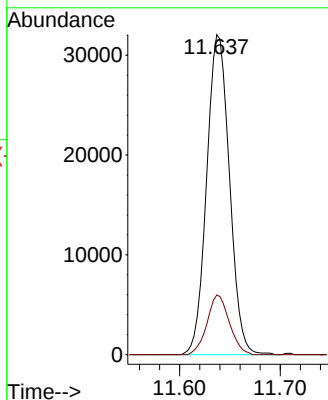
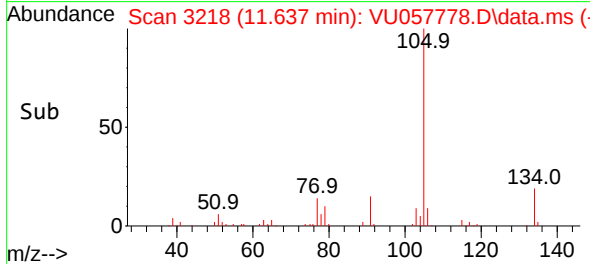
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT1-2024



Tgt Ion:105 Resp: 50479
Ion Ratio Lower Upper
105 100
134 18.3 14.9 22.3

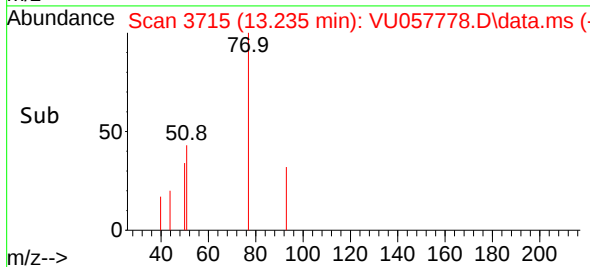
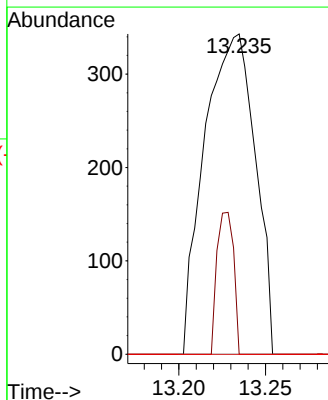
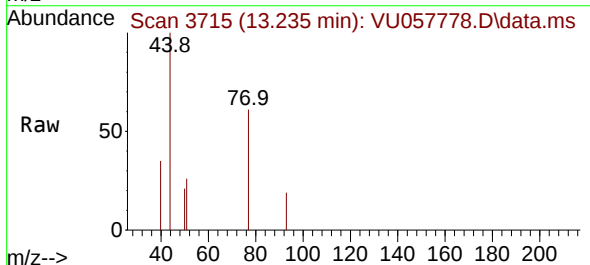
Manual Integrations
APPROVED

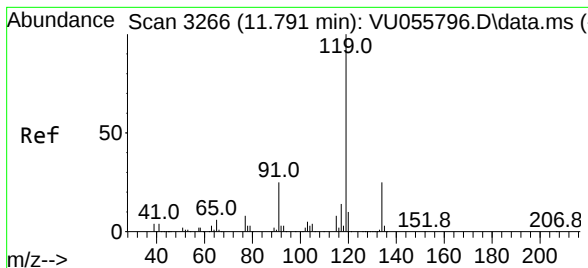
Reviewed By :Semsettin Yesilyurt 02/08/2024
Supervised By :Mahesh Dadoda 02/08/2024



#80
Nitrobenzene
Concen: 3.547 ug/l
RT: 13.235 min Scan# 3715
Delta R.T. 0.029 min
Lab File: VU057778.D
Acq: 01 Feb 2024 15:07

Tgt Ion: 77 Resp: 698
Ion Ratio Lower Upper
77 100
123 14.6 19.7 69.7#
65 0.0 11.5 14.7#





#81

p-Isopropyltoluene

Concen: 0.879 ug/l

RT: 11.788 min Scan# 3265

Delta R.T. -0.003 min

Lab File: VU057778.D

Acq: 01 Feb 2024 15:07

Instrument :

MSVOA_U

ClientSampleId :

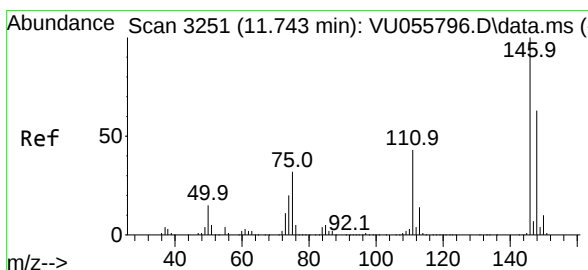
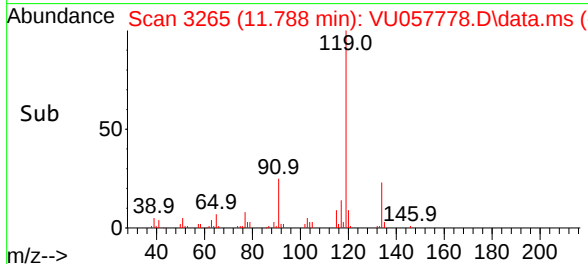
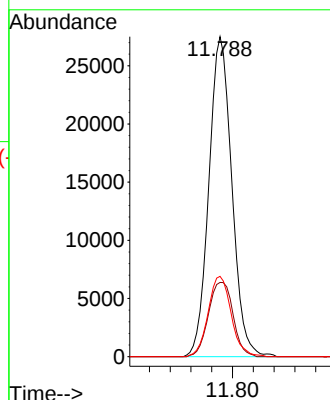
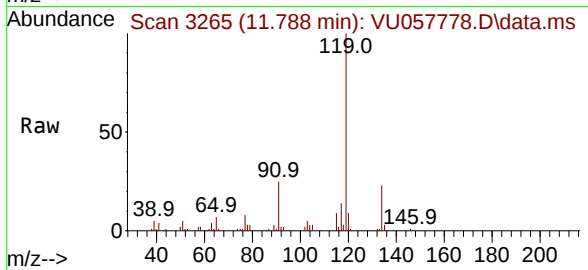
LOQ-WATER-02-QT1-2024

Tgt Ion:	119	Resp:	42120
Ion Ratio	Lower	Upper	
119	100		
134	24.9	20.2	30.4
91	25.3	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: 0.845 ug/l

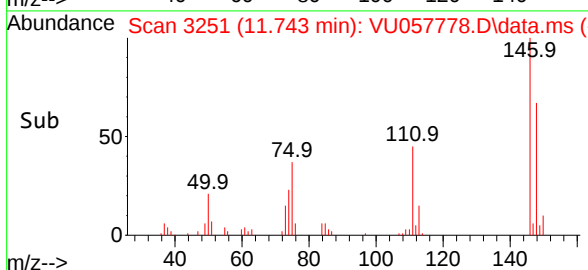
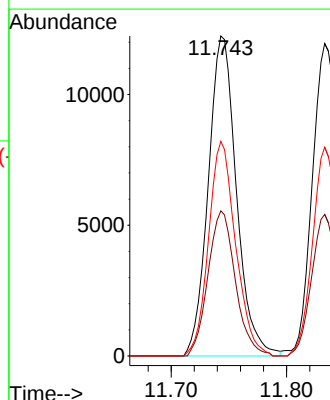
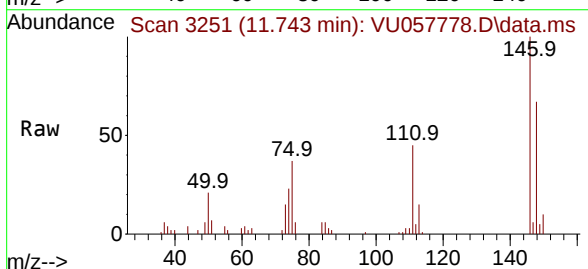
RT: 11.743 min Scan# 3251

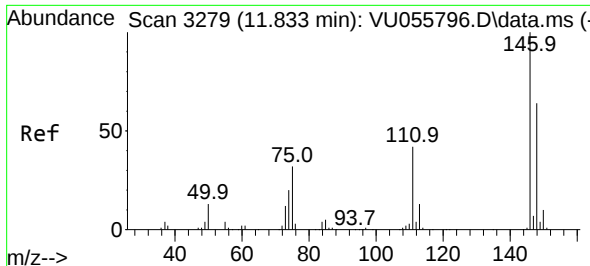
Delta R.T. -0.000 min

Lab File: VU057778.D

Acq: 01 Feb 2024 15:07

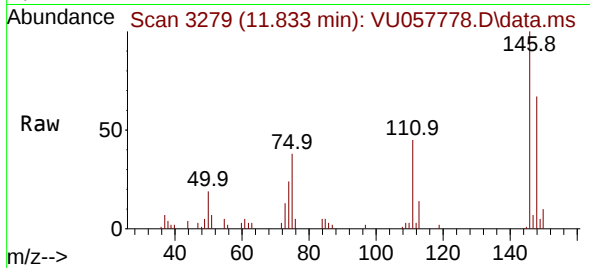
Tgt Ion:	146	Resp:	20745
Ion Ratio	Lower	Upper	
146	100		
111	44.1	32.6	49.0
148	64.5	51.0	76.4





#83
1,4-Dichlorobenzene
Concen: 0.875 ug/l
RT: 11.833 min Scan# 3279
Delta R.T. -0.000 min
Lab File: VU057778.D
Acq: 01 Feb 2024 15:07

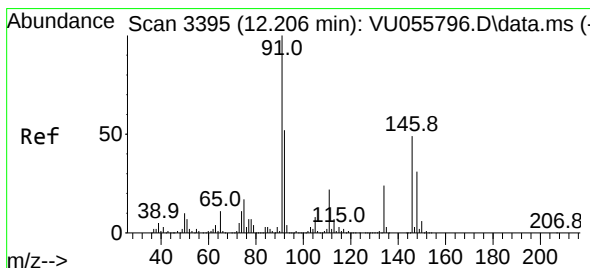
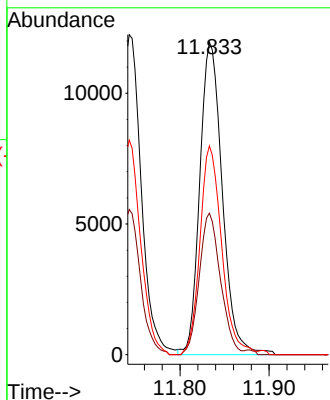
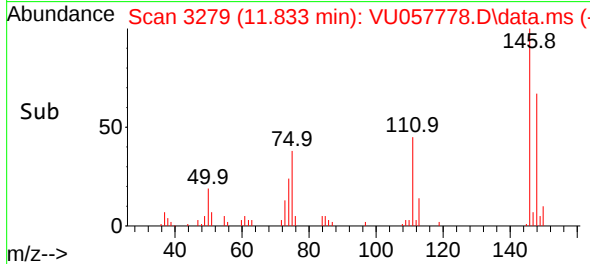
Instrument : MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT1-2024



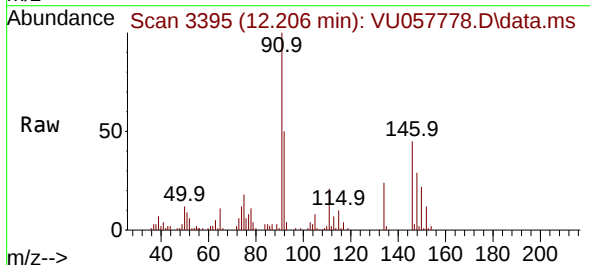
Tgt Ion:146 Resp: 2096
Ion Ratio Lower Upper
146 100
111 42.9 31.6 47.4
148 64.4 50.3 75.5

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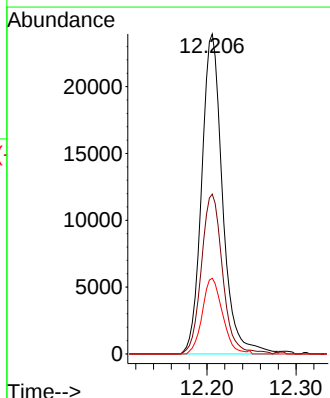
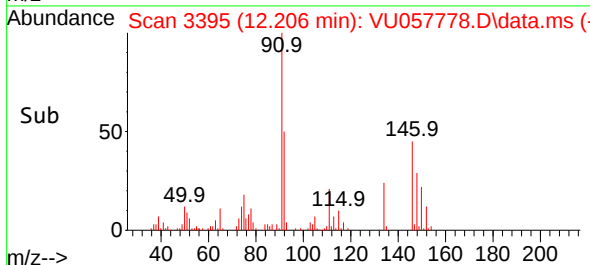
Reviewed By :Semsettin Yesilyurt 02/08/2024
Supervised By :Mahesh Dadoda 02/08/2024

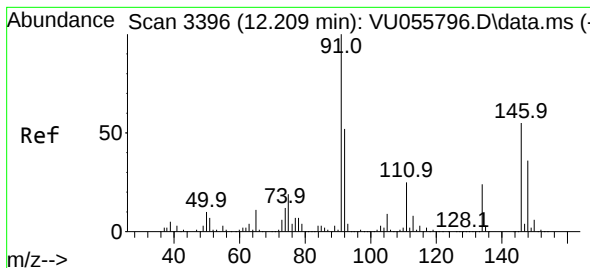


#84
n-Butylbenzene
Concen: 0.850 ug/l
RT: 12.206 min Scan# 3395
Delta R.T. -0.000 min
Lab File: VU057778.D
Acq: 01 Feb 2024 15:07



Tgt Ion: 91 Resp: 38980
Ion Ratio Lower Upper
91 100
92 50.8 40.8 61.2
134 22.9 18.4 27.6





#85

1,2-Dichlorobenzene

Concen: 0.893 ug/l

RT: 12.209 min Scan# 3396

Delta R.T. 0.000 min

Lab File: VU057778.D

Acq: 01 Feb 2024 15:07

Instrument :

MSVOA_U

ClientSampleId :

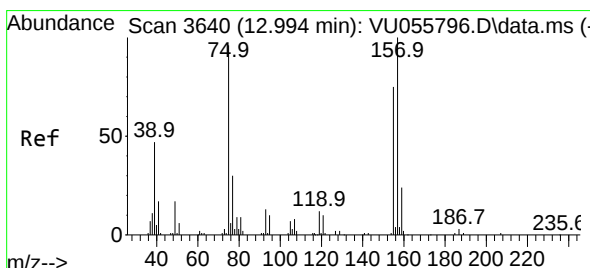
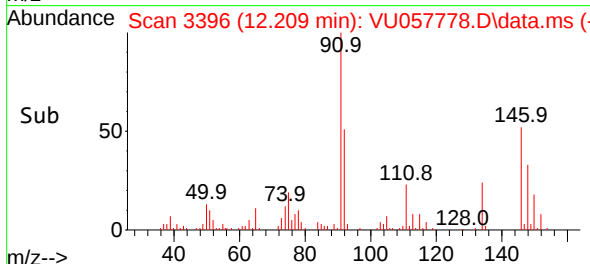
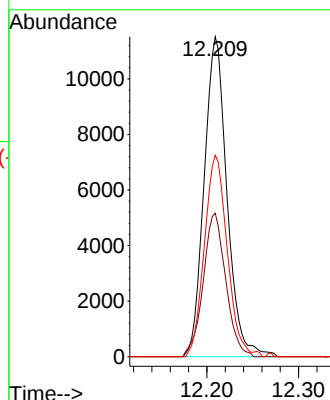
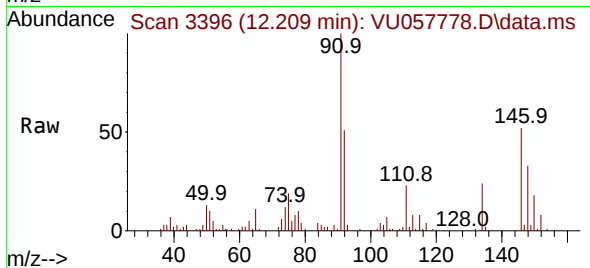
LOQ-WATER-02-QT1-2024

Tgt Ion:	146	Resp:	1989
Ion Ratio	Lower	Upper	
146	100		
111	44.2	21.6	64.6
148	63.2	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: 0.911 ug/l

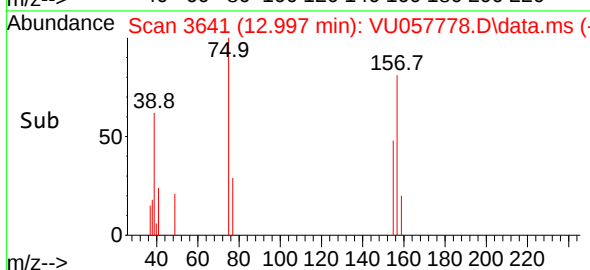
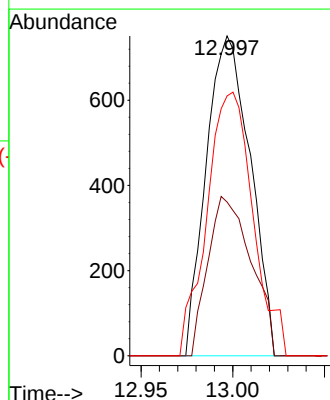
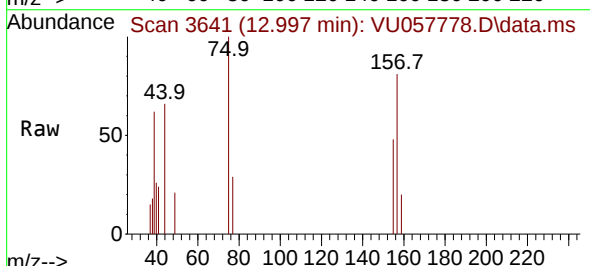
RT: 12.997 min Scan# 3641

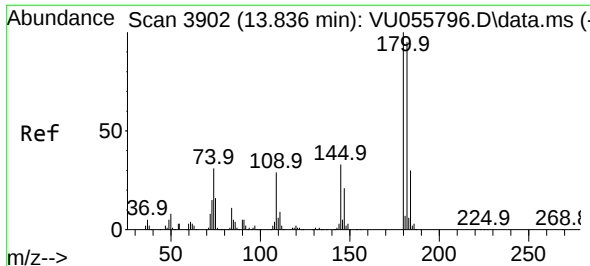
Delta R.T. 0.003 min

Lab File: VU057778.D

Acq: 01 Feb 2024 15:07

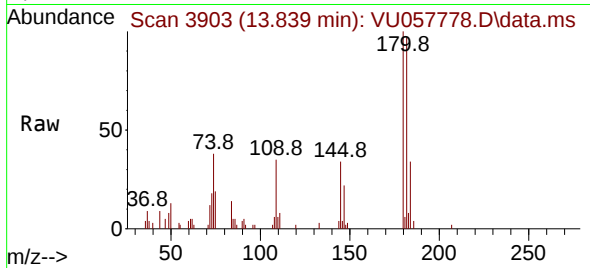
Tgt Ion:	75	Resp:	1251
Ion Ratio	Lower	Upper	
75	100		
155	49.2	61.8	92.8
157	86.3	80.2	120.4





#87
1,2,4-Trichlorobenzene
Concen: 0.802 ug/l
RT: 13.839 min Scan# 3902
Delta R.T. 0.003 min
Lab File: VU057778.D
Acq: 01 Feb 2024 15:07

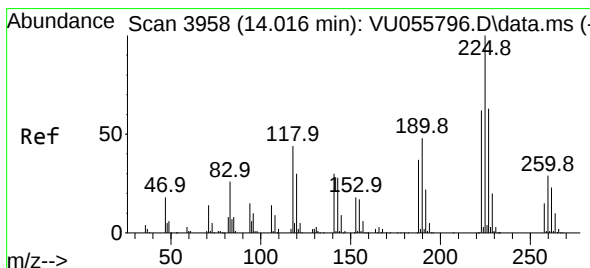
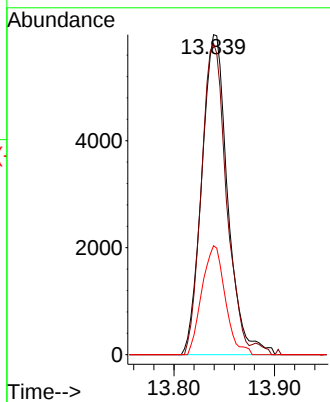
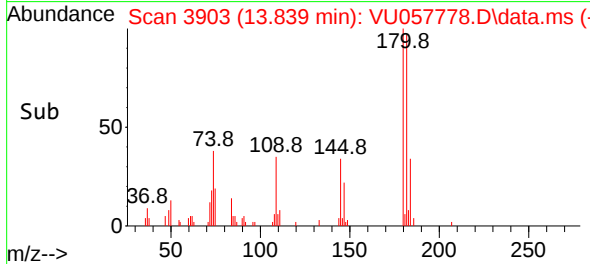
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT1-2024



Tgt Ion:180 Resp: 10678
Ion Ratio Lower Upper
180 100
182 93.7 75.8 113.6
145 30.7 23.9 35.9

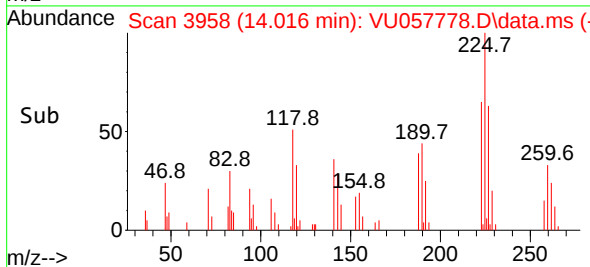
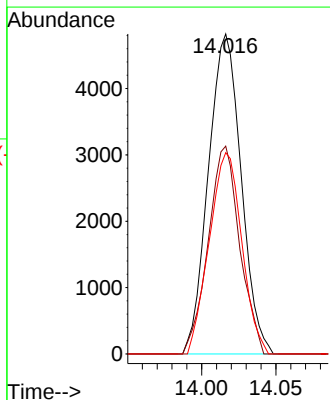
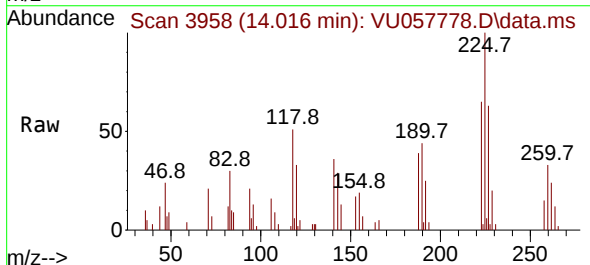
Manual Integrations
APPROVED

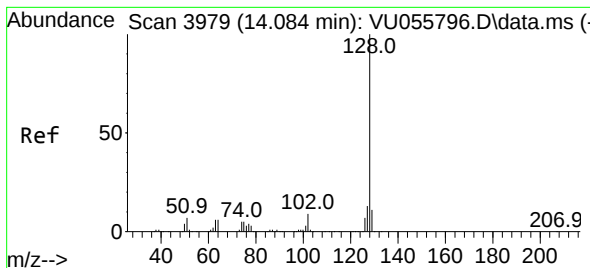
Reviewed By :Semsettin Yesilyurt 02/08/2024
Supervised By :Mahesh Dadoda 02/08/2024



#88
Hexachlorobutadiene
Concen: 0.868 ug/l
RT: 14.016 min Scan# 3958
Delta R.T. 0.000 min
Lab File: VU057778.D
Acq: 01 Feb 2024 15:07

Tgt Ion:225 Resp: 7409
Ion Ratio Lower Upper
225 100
223 62.3 50.2 75.4
227 62.3 51.5 77.3





#89

Naphthalene

Concen: 0.740 ug/l

RT: 14.090 min Scan# 3981

Delta R.T. 0.006 min

Lab File: VU057778.D

Acq: 01 Feb 2024 15:07

Instrument :

MSVOA_U

ClientSampleId :

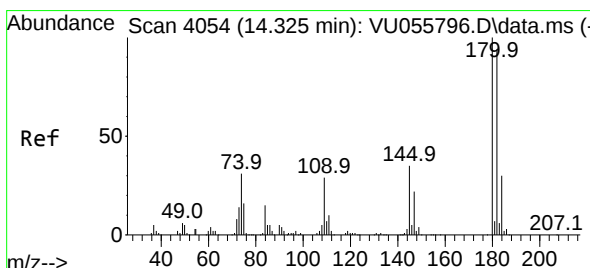
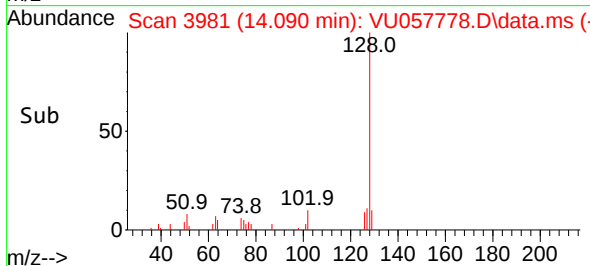
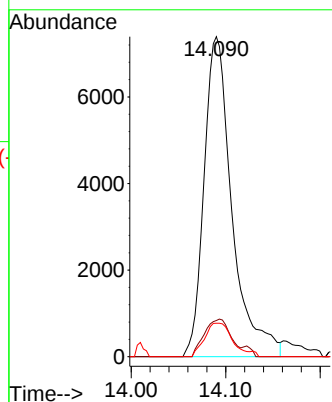
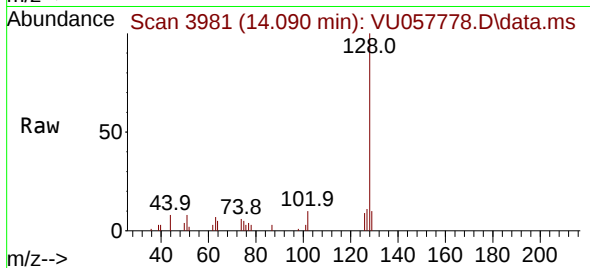
LOQ-WATER-02-QT1-2024

Tgt Ion:128	Resp: 1520
Ion Ratio	Lower Upper
128 100	
127 11.0	10.9 16.3
129 10.5	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: 0.814 ug/l

RT: 14.328 min Scan# 4055

Delta R.T. 0.003 min

Lab File: VU057778.D

Acq: 01 Feb 2024 15:07

Tgt Ion:180	Resp: 9010
Ion Ratio	Lower Upper
180 100	
182 92.3	75.7 113.5
145 31.8	26.1 39.1

