

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101824\
 Data File : VU061160.D
 Acq On : 18 Oct 2024 13:03
 Operator : MD/SY
 Sample : P4368-08
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 LOQ-WATER-02-QT4-2024

Quant Time: Oct 19 00:11:43 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U101724DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Sat Oct 19 00:10:10 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

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

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

Internal Standards						
1) Fluorobenzene	6.110	96	26807	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.627	95	13867	0.973	ug/l	0.00
Spiked Amount 1.000			Recovery	=	97.000%	
68) 1,2-Dichlorobenzene-d4	12.187	152	13858	0.987	ug/l	0.00
Spiked Amount 1.000			Recovery	=	99.000%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	12683	0.859	ug/l	100
3) Chloromethane	1.515	50	13797	0.982	ug/l	97
4) Vinyl Chloride	1.599	62	12969	0.899	ug/l	97
5) Bromomethane	1.853	94	8707	0.961	ug/l	96
6) Chloroethane	1.930	64	8730	0.903	ug/l	97
7) Trichlorofluoromethane	2.132	101	18714	0.912	ug/l	98
8) 1,1,2-Trichloro-1,2,2-...	2.576	101	8980	0.880	ug/l	95
9) 1,1-Dichloroethene	2.573	96	9844	0.925	ug/l	98
10) Iodomethane	2.718	142	10761	0.850	ug/l	98
11) Allyl Chloride	2.920	41	12637	0.922	ug/l	100
12) Acrylonitrile	3.341	53	3833m	1.792	ug/l	
13) Acetone	2.653	43	16174	5.797	ug/l	100
14) Carbon Disulfide	2.788	76	33447	0.913	ug/l	97
15) Methylene Chloride	3.039	84	12764	0.927	ug/l	99
16) trans-1,2-Dichloroethene	3.348	96	11345	0.910	ug/l	95
17) 1,1-Dichloroethane	3.862	63	19962	0.903	ug/l	98
18) 2-Butanone	4.730	43	17786m	5.207	ug/l	
19) Cyclohexane	5.380	56	18016m	0.909	ug/l	
20) Methylcyclohexane	6.756	83	20278	0.918	ug/l	98
21) 2,2-Dichloropropane	4.656	77	17715	0.868	ug/l	100
22) cis-1,2-Dichloroethene	4.663	96	12000	0.883	ug/l	97
23) Diethyl Ether	2.374	59	7126	0.862	ug/l	94
24) tert-Butyl Alcohol	3.255	59	8618m	9.994	ug/l	
25) Methyl tert-Butyl Ether	3.357	73	25284	0.887	ug/l	95
26) Bromochloromethane	4.972	128	4969	0.874	ug/l	99
27) Chloroform	5.081	83	21250	0.916	ug/l	97
28) 1,1,1-Trichloroethane	5.309	97	18073	0.884	ug/l	98
29) 1,1-Dichloropropene	5.525	75	15907	0.880	ug/l	98
30) Carbon Tetrachloride	5.518	117	15301	0.862	ug/l	99
31) Isopropyl Ether	3.985	45	28537	0.904	ug/l	97
32) Ethyl-t-butyl ether	4.493	59	29016	0.894	ug/l	97
33) Tert-Amyl methyl ether	5.936	73	26300	0.901	ug/l	98
34) Propionitrile	4.820	54	3752m	4.604	ug/l	
35) Benzene	5.769	78	47019	0.924	ug/l	99
36) 1,2-Dichloroethane	5.792	62	13423	0.934	ug/l	97
37) Trichloroethene	6.541	130	12173	0.896	ug/l	99
38) 1,2-Dichloropropane	6.782	63	11897	0.923	ug/l	99
39) Methacrylonitrile	4.997	41	2592m	0.883	ug/l	
40) Methyl acrylate	4.885	55	5757m	0.967	ug/l	
41) Tetrahydrofuran	5.081	42	3583m	2.033	ug/l	
42) 1-Chlorobutane	5.454	56	19717	0.850	ug/l	92
43) Dibromomethane	6.914	93	5992	0.897	ug/l	96
44) Bromodichloromethane	7.097	83	14934	0.919	ug/l	# 95

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 LOQ-WATER-02-QT4-2024

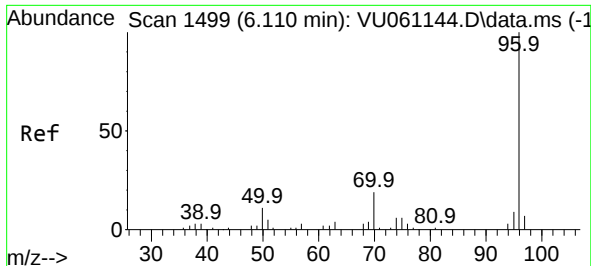
Manual Integrations
 APPROVED

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 Supervised By :Semsettin Yesilyurt 10/25/2024

Quant Time: Oct 19 00:11:43 2024
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 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
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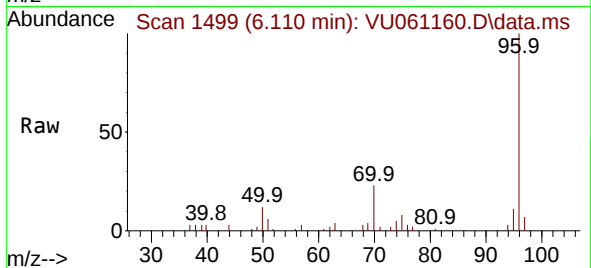
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.788	43	29457	4.391	ug/l	99
46) t-1,4-Dichloro-2-butene	10.830	75	4915m	1.837	ug/l	
47) Methyl methacrylate	6.965	69	9719	1.673	ug/l	98
48) Ethyl methacrylate	8.332	69	10898	0.880	ug/l	97
49) Toluene	7.965	92	29057	0.904	ug/l	100
50) t-1,3-Dichloropropene	8.209	75	13453	0.859	ug/l	95
51) cis-1,3-Dichloropropene	7.605	75	16907	0.879	ug/l	98
52) 1,1,2-Trichloroethane	8.393	97	8038	0.892	ug/l	97
53) 1,3-Dichloropropane	8.570	76	14314	0.904	ug/l	100
54) 2-Hexanone	8.685	43	26139m	4.743	ug/l	
55) Dibromochloromethane	8.804	129	9163	0.861	ug/l	98
56) 1,2-Dibromoethane	8.920	107	7849	0.908	ug/l	99
58) Tetrachloroethene	8.547	164	10950	0.951	ug/l	96
59) Chlorobenzene	9.444	112	31510	0.910	ug/l	100
60) 1,1,1,2-Tetrachloroethane	9.528	131	10250	0.877	ug/l	97
61) Pentachloroethane	11.418	117	7542	0.844	ug/l	97
62) Hexachloroethane	12.466	117	7357	0.799	ug/l	97
63) Ethyl Benzene	9.563	91	55928	0.902	ug/l	97
64) m/p-Xylenes	9.688	106	42088	1.783	ug/l	98
65) o-Xylene	10.094	106	20487	0.881	ug/l	96
66) Styrene	10.110	104	31668	0.876	ug/l	99
67) Bromoform	10.286	173	4444	0.798	ug/l	94
69) Isopropylbenzene	10.476	105	49599	0.897	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.772	83	9706	0.887	ug/l	97
71) 1,2,3-Trichloropropane	10.817	75	7859m	0.882	ug/l	
72) Bromobenzene	10.778	156	11790	0.886	ug/l	84
73) n-propylbenzene	10.901	120	13709	0.849	ug/l	96
74) 2-Chlorotoluene	10.981	126	12584	0.901	ug/l	99
75) 1,3,5-Trimethylbenzene	11.081	105	44386	0.890	ug/l	98
76) 4-Chlorotoluene	11.094	126	12536	0.883	ug/l	99
77) tert-Butylbenzene	11.412	119	42619	0.864	ug/l	98
78) 1,2,4-Trimethylbenzene	11.460	105	45263	0.899	ug/l	99
79) sec-Butylbenzene	11.637	105	58012	0.904	ug/l	99
80) Nitrobenzene	13.241	77	658	2.746	ug/l #	63
81) p-Isopropyltoluene	11.785	119	46452	0.874	ug/l	99
82) 1,3-Dichlorobenzene	11.743	146	22390	0.877	ug/l	97
83) 1,4-Dichlorobenzene	11.833	146	21830	0.858	ug/l	97
84) n-Butylbenzene	12.203	91	43383	0.880	ug/l	98
85) 1,2-Dichlorobenzene	12.206	146	20992	0.880	ug/l	96
86) 1,2-Dibromo-3-Chloropr...	12.987	75	1375	0.846	ug/l	95
87) 1,2,4-Trichlorobenzene	13.839	180	12219	0.895	ug/l	99
88) Hexachlorobutadiene	14.013	225	7139	0.925	ug/l	95
89) Naphthalene	14.087	128	22304	0.926	ug/l	96
90) 1,2,3-Trichlorobenzene	14.325	180	10951	0.893	ug/l	98

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



#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.110 min Scan# 1499
Delta R.T. -0.000 min
Lab File: VU061160.D
Acq: 18 Oct 2024 13:03

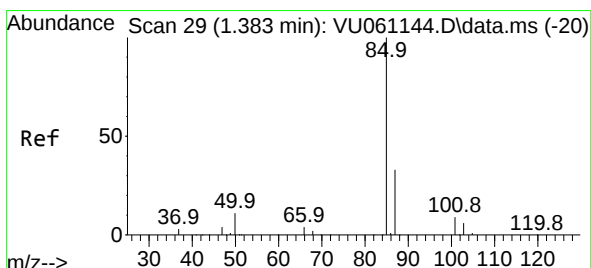
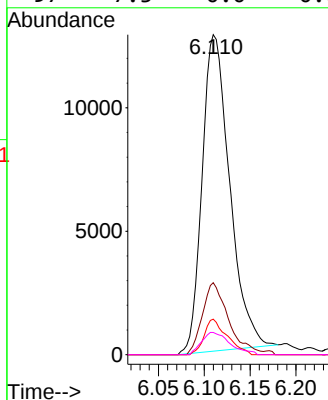
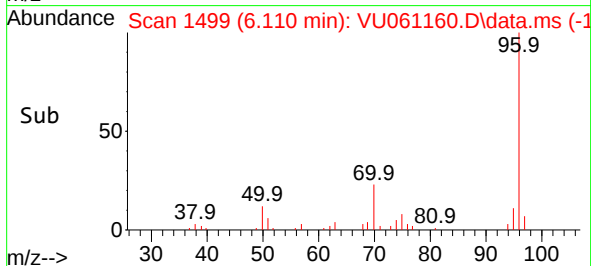
Instrument : MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT4-2024



Tgt Ion: 96 Resp: 2680
Ion Ratio Lower Upper
96 100
70 20.3 16.1 24.1
95 9.3 0.0 0.0
97 7.3 0.0 0.0

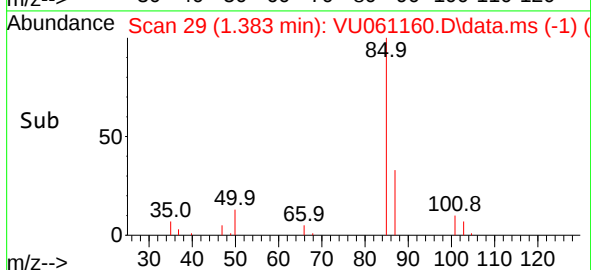
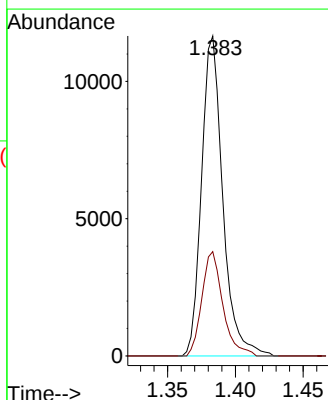
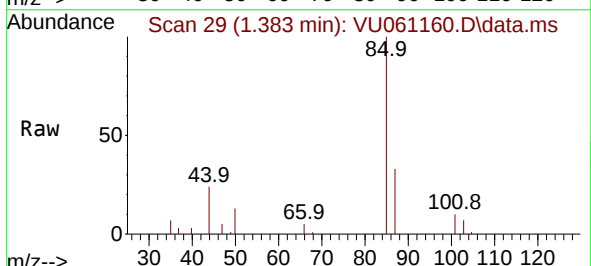
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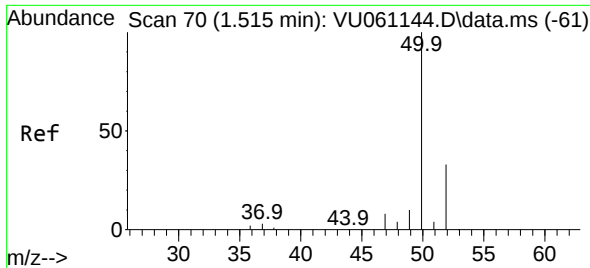
Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024



#2
Dichlorodifluoromethane
Concen: 0.859 ug/l
RT: 1.383 min Scan# 29
Delta R.T. -0.000 min
Lab File: VU061160.D
Acq: 18 Oct 2024 13:03

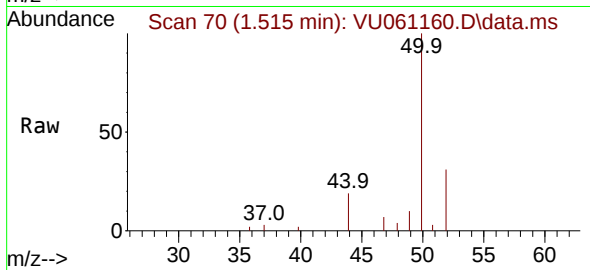
Tgt Ion: 85 Resp: 12683
Ion Ratio Lower Upper
85 100
87 32.6 16.3 48.9





#3
Chloromethane
Concen: 0.982 ug/l
RT: 1.515 min Scan# 70
Delta R.T. -0.000 min
Lab File: VU061160.D
Acq: 18 Oct 2024 13:03

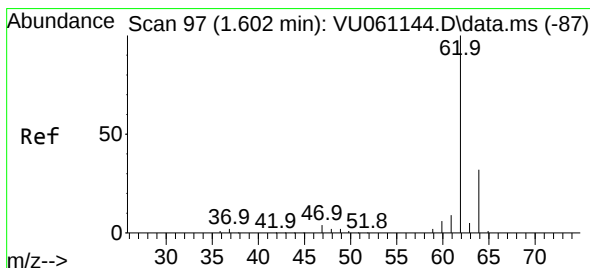
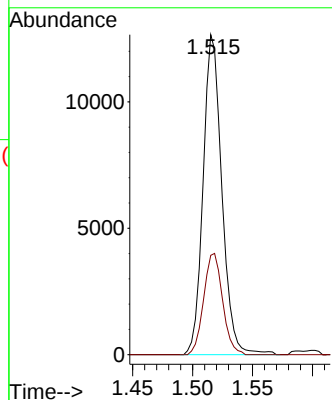
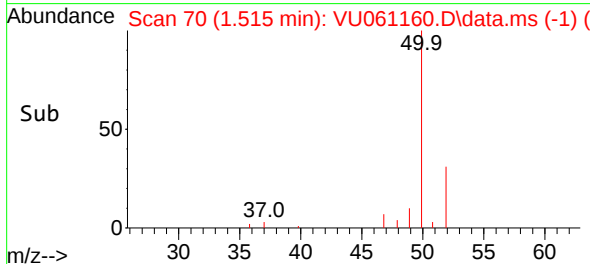
Instrument : MSVOA_U
ClientSampleId : LOQ-WATER-02-QT4-2024



Tgt Ion: 50 Resp: 1379
Ion Ratio Lower Upper
50 100
52 31.1 26.2 39.2

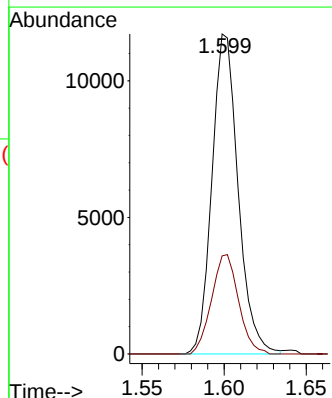
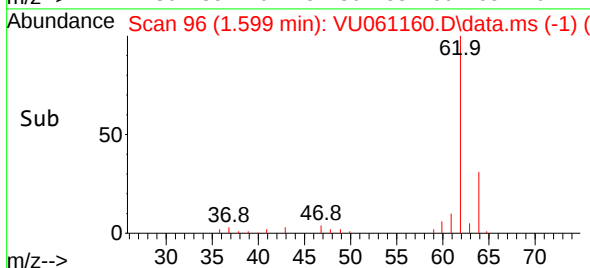
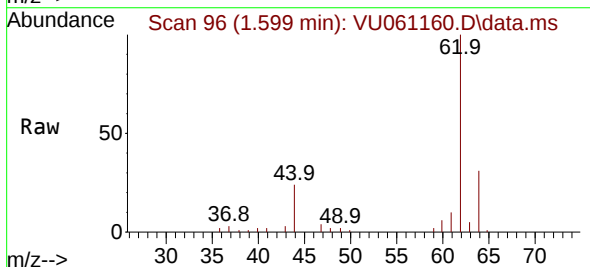
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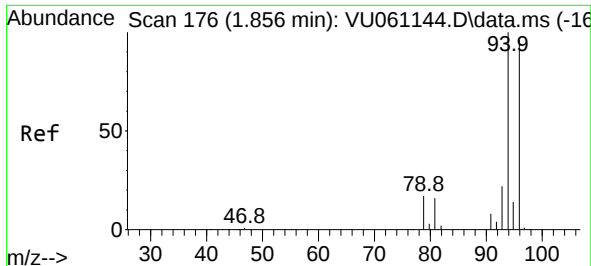
Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024



#4
Vinyl Chloride
Concen: 0.899 ug/l
RT: 1.599 min Scan# 96
Delta R.T. -0.003 min
Lab File: VU061160.D
Acq: 18 Oct 2024 13:03

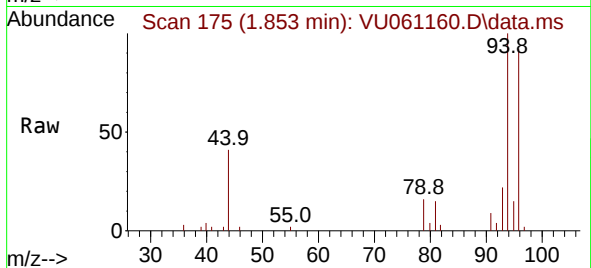
Tgt Ion: 62 Resp: 12969
Ion Ratio Lower Upper
62 100
64 30.7 25.9 38.9





#5
Bromomethane
Concen: 0.961 ug/l
RT: 1.853 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU061160.D
Acq: 18 Oct 2024 13:03

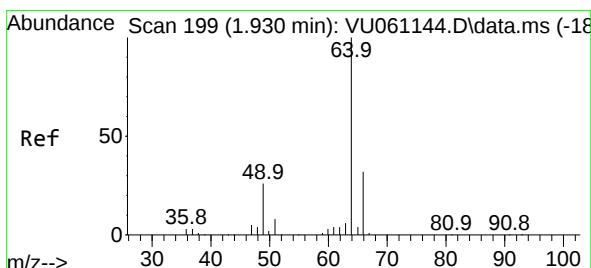
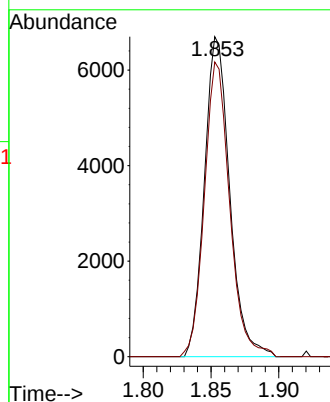
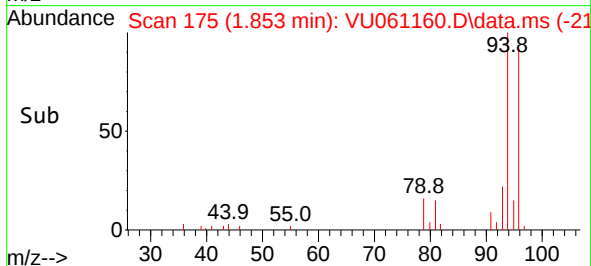
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT4-2024



Tgt Ion: 94 Resp: 870
Ion Ratio Lower Upper
94 100
96 92.1 76.5 114.7

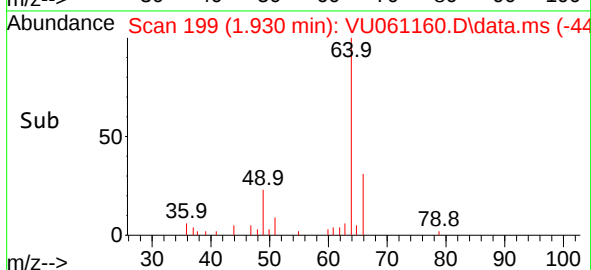
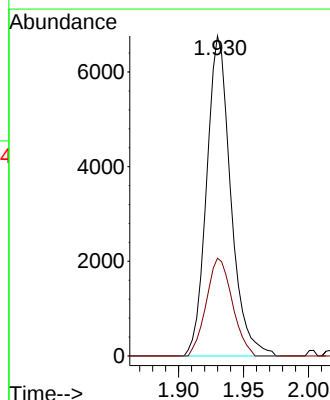
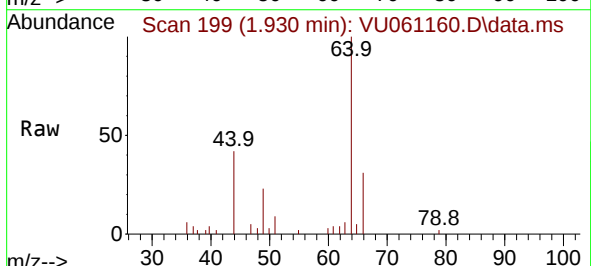
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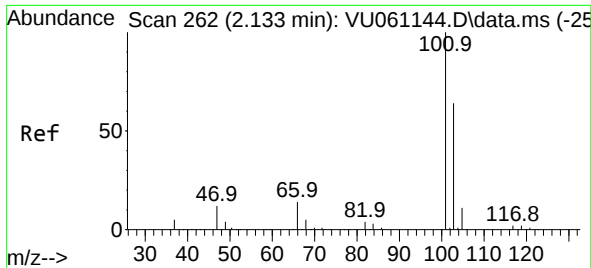
Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024



#6
Chloroethane
Concen: 0.903 ug/l
RT: 1.930 min Scan# 199
Delta R.T. -0.000 min
Lab File: VU061160.D
Acq: 18 Oct 2024 13:03

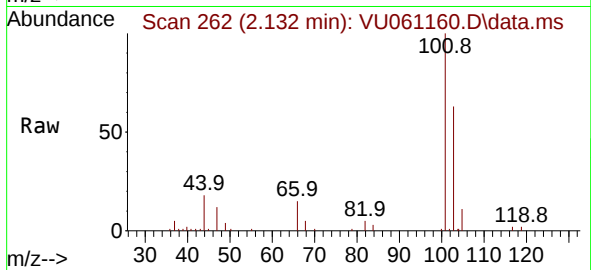
Tgt Ion: 64 Resp: 8730
Ion Ratio Lower Upper
64 100
66 30.6 25.8 38.8





#7
Trichlorofluoromethane
Concen: 0.912 ug/l
RT: 2.132 min Scan# 201
Delta R.T. -0.000 min
Lab File: VU061160.D
Acq: 18 Oct 2024 13:03

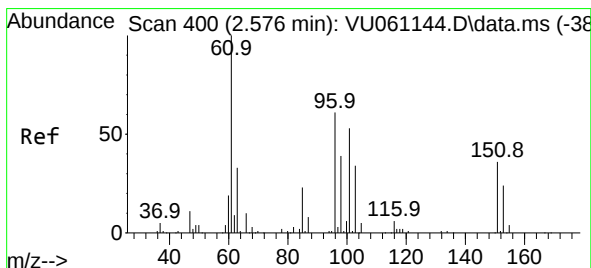
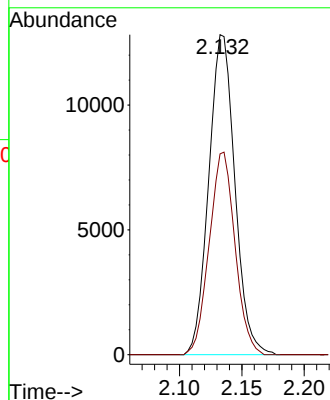
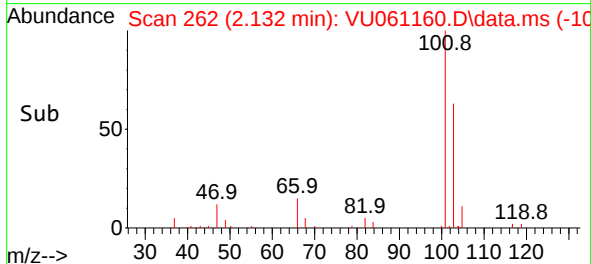
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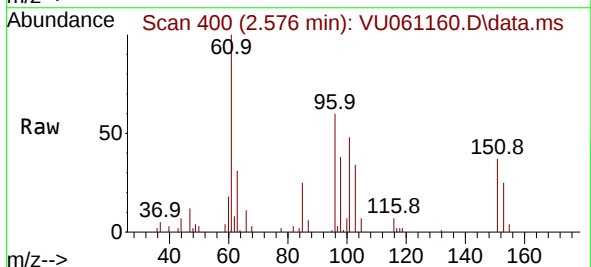
Tgt Ion:101 Resp: 18714
Ion Ratio Lower Upper
101 100
103 62.8 51.5 77.3

Manual Integrations
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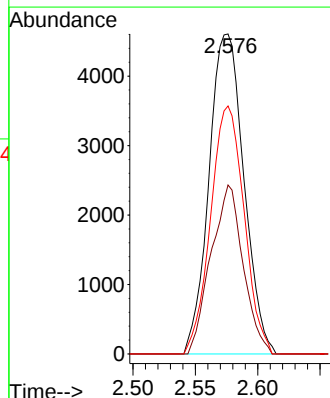
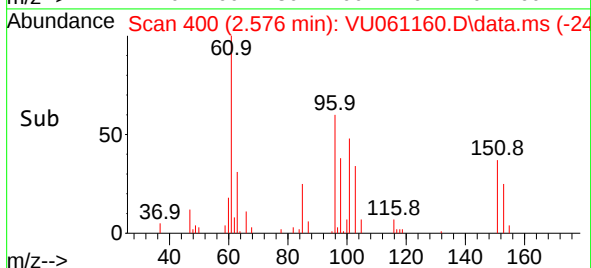
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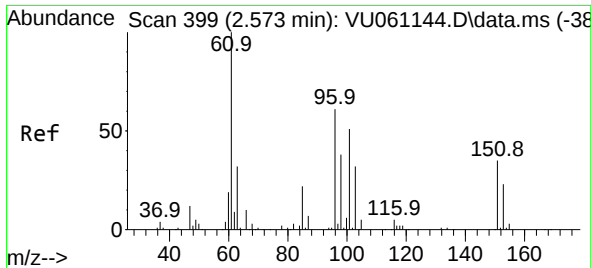


#8
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.880 ug/l
RT: 2.576 min Scan# 400
Delta R.T. -0.000 min
Lab File: VU061160.D
Acq: 18 Oct 2024 13:03



Tgt Ion:101 Resp: 8980
Ion Ratio Lower Upper
101 100
85 48.8 35.8 53.8
151 74.5 56.2 84.4





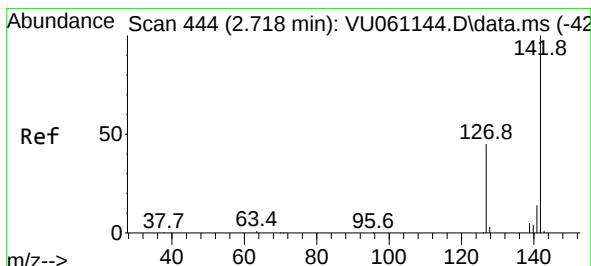
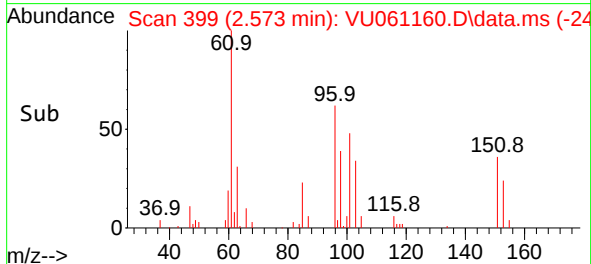
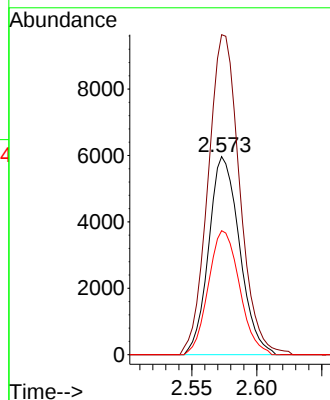
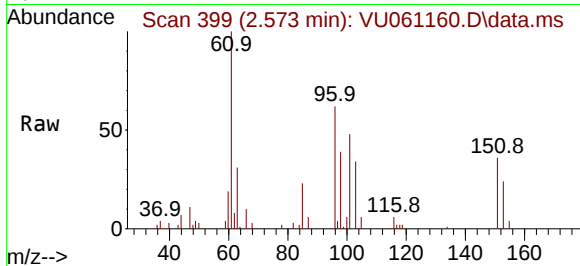
#9
1,1-Dichloroethene
Concen: 0.925 ug/l
RT: 2.573 min Scan# 399
Delta R.T. -0.000 min
Lab File: VU061160.D
Acq: 18 Oct 2024 13:03

Instrument : MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT4-2024

Tgt Ion: 96 Resp: 9844
Ion Ratio Lower Upper
96 100
61 161.5 0.0 494.4
98 62.6 0.0 124.4

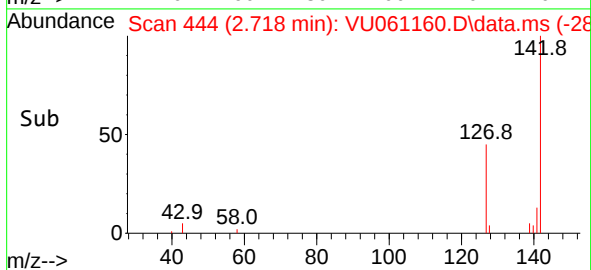
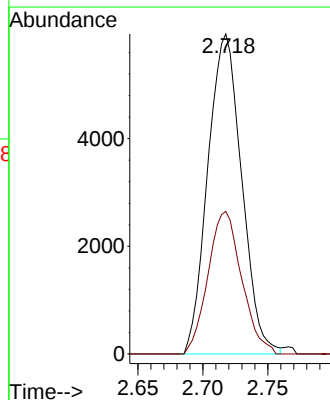
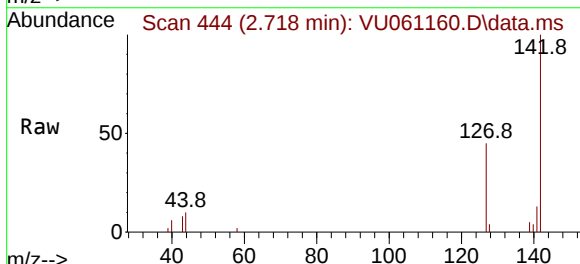
Manual Integrations
APPROVED

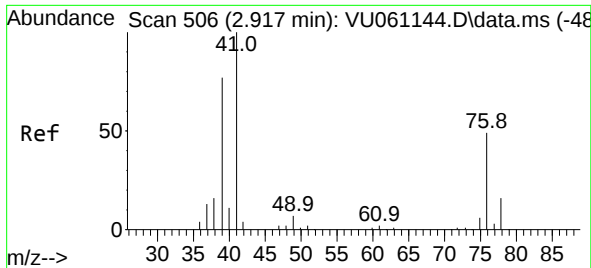
Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024



#10
Iodomethane
Concen: 0.850 ug/l
RT: 2.718 min Scan# 444
Delta R.T. -0.000 min
Lab File: VU061160.D
Acq: 18 Oct 2024 13:03

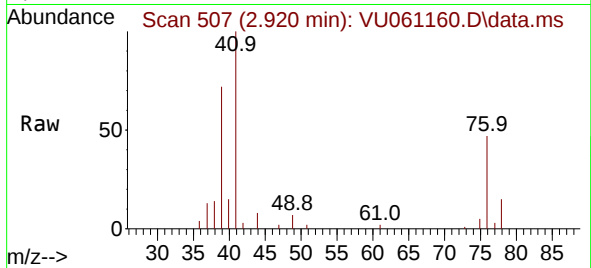
Tgt Ion:142 Resp: 10761
Ion Ratio Lower Upper
142 100
127 44.3 36.2 54.4





#11
 Allyl Chloride
 Concen: 0.922 ug/l
 RT: 2.920 min Scan# 506
 Delta R.T. 0.003 min
 Lab File: VU061160.D
 Acq: 18 Oct 2024 13:03

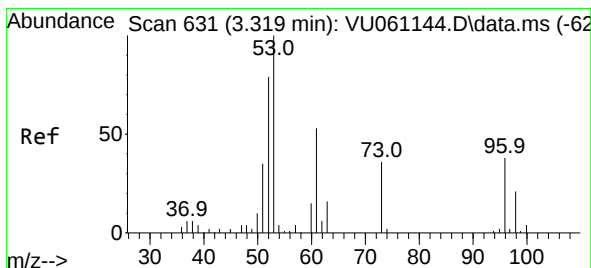
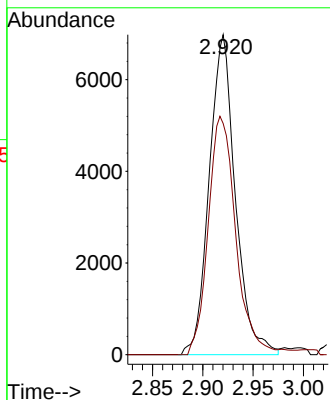
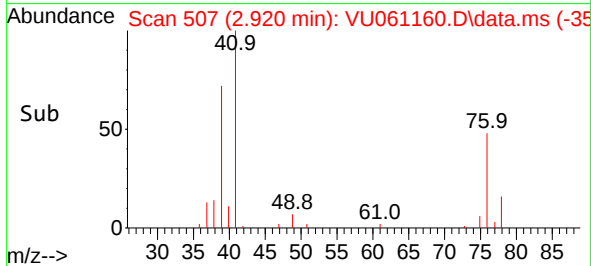
Instrument :
 MSVOA_U
 ClientSampleId :
 LOQ-WATER-02-QT4-2024



Tgt Ion: 41 Resp: 1263
 Ion Ratio Lower Upper
 41 100
 39 78.2 62.4 93.6

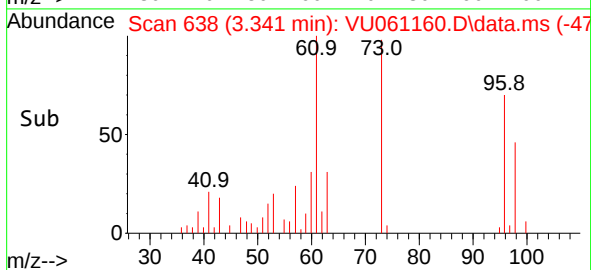
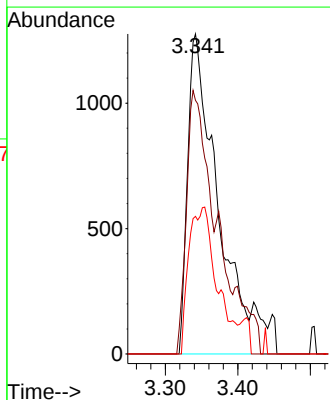
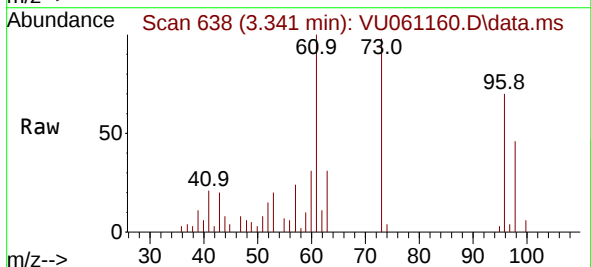
Manual Integrations
 APPROVED

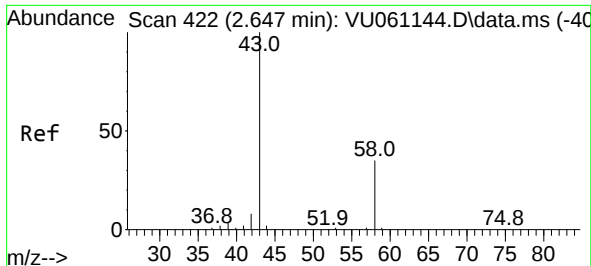
Reviewed By :Mahesh Dadoda 10/25/2024
 Supervised By :Semsettin Yesilyurt 10/25/2024



#12
 Acrylonitrile
 Concen: 1.792 ug/l m
 RT: 3.341 min Scan# 638
 Delta R.T. 0.022 min
 Lab File: VU061160.D
 Acq: 18 Oct 2024 13:03

Tgt Ion: 53 Resp: 3833
 Ion Ratio Lower Upper
 53 100
 52 55.5 62.6 94.0#
 51 41.2 30.7 46.1





#13

Acetone

Concen: 5.797 ug/l

RT: 2.653 min Scan# 41

Delta R.T. 0.006 min

Lab File: VU061160.D

Acq: 18 Oct 2024 13:03

Instrument :

MSVOA_U

ClientSampleId :

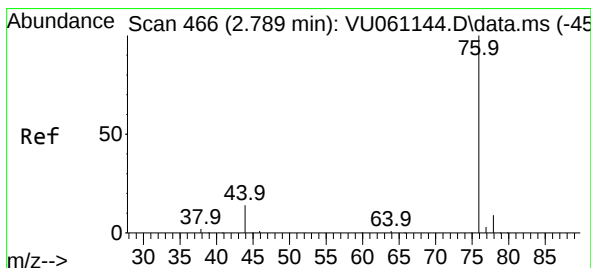
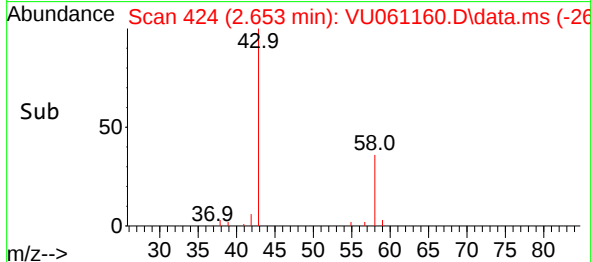
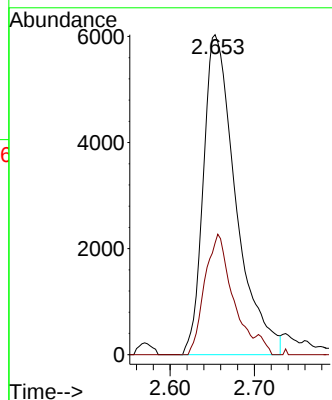
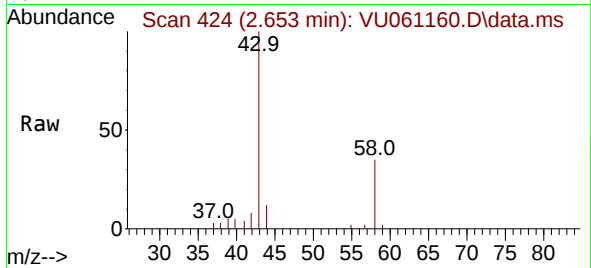
LOQ-WATER-02-QT4-2024

Tgt Ion: 43 Resp: 16174
Ion Ratio Lower Upper
43 100
58 34.9 27.9 41.9

Manual Integrations

APPROVED

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



#14

Carbon Disulfide

Concen: 0.913 ug/l

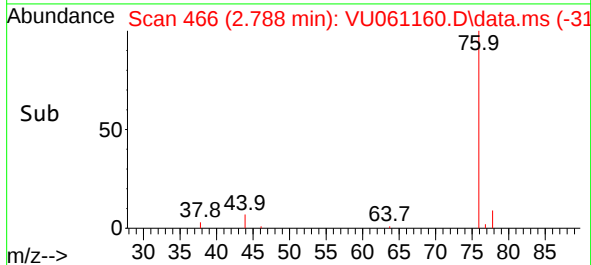
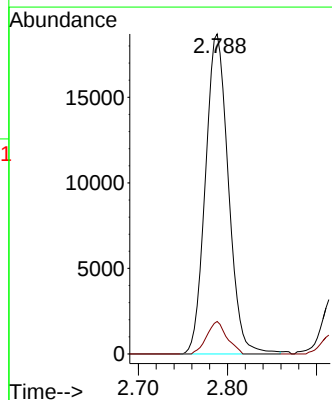
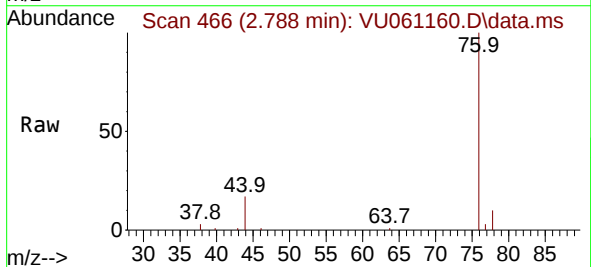
RT: 2.788 min Scan# 466

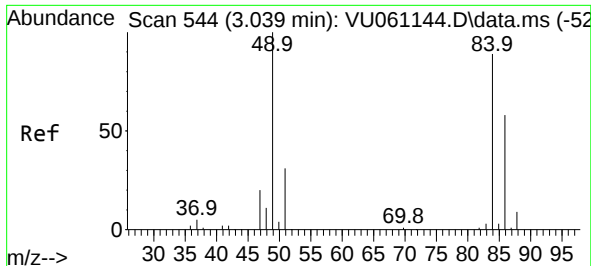
Delta R.T. -0.000 min

Lab File: VU061160.D

Acq: 18 Oct 2024 13:03

Tgt Ion: 76 Resp: 33447
Ion Ratio Lower Upper
76 100
78 10.1 7.4 11.0





#15

Methylene Chloride

Concen: 0.927 ug/l

RT: 3.039 min Scan# 54

Delta R.T. -0.000 min

Lab File: VU061160.D

Acq: 18 Oct 2024 13:03

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT4-2024

Tgt Ion: 84 Resp: 12764

Ion Ratio Lower Upper

84 100

49 111.3 90.4 135.6

51 33.4 0.0 70.6

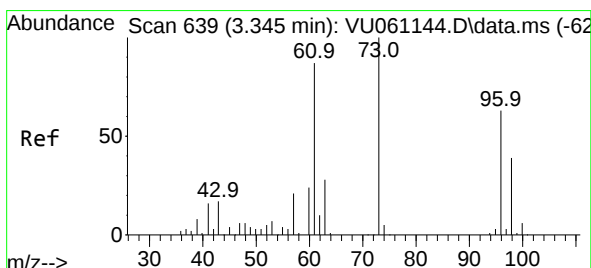
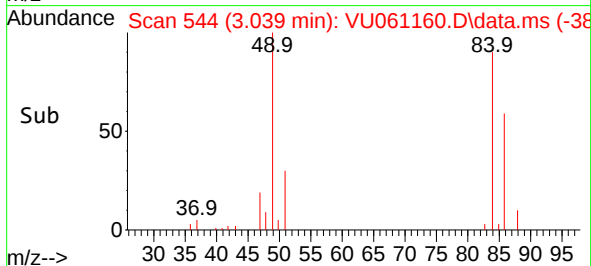
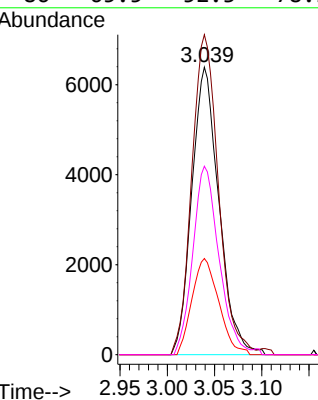
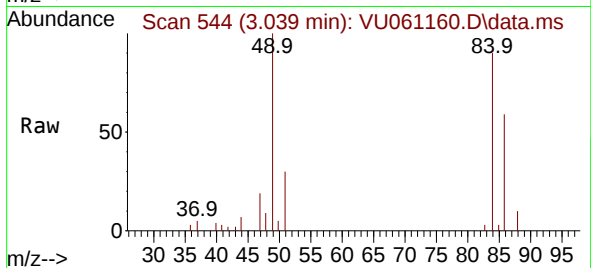
86 65.5 52.3 78.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/25/2024

Supervised By :Semsettin Yesilyurt 10/25/2024



#16

trans-1,2-Dichloroethene

Concen: 0.910 ug/l

RT: 3.348 min Scan# 640

Delta R.T. 0.003 min

Lab File: VU061160.D

Acq: 18 Oct 2024 13:03

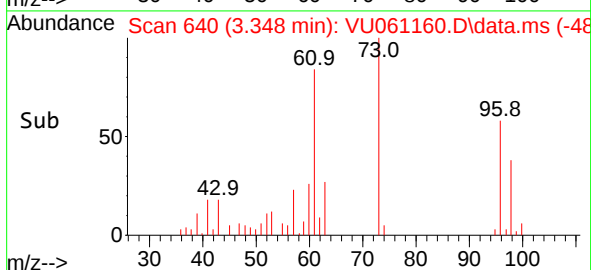
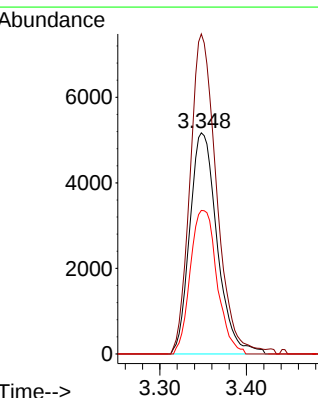
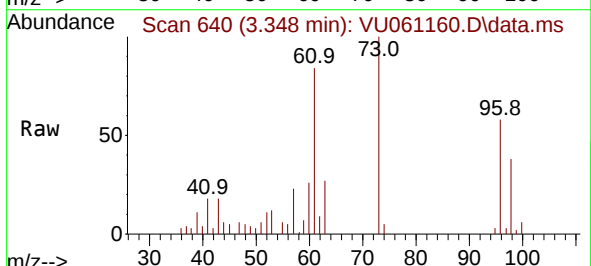
Tgt Ion: 96 Resp: 11345

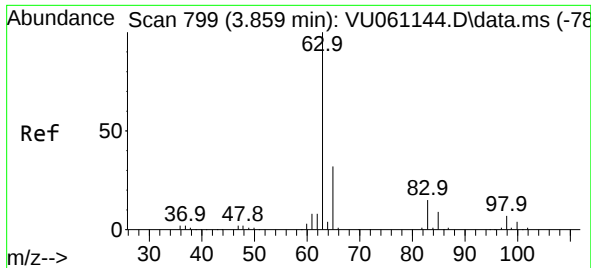
Ion Ratio Lower Upper

96 100

61 144.7 110.6 166.0

98 64.9 49.8 74.8





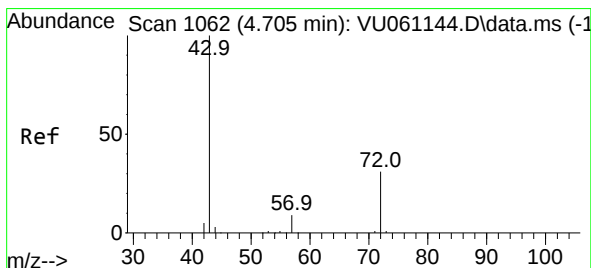
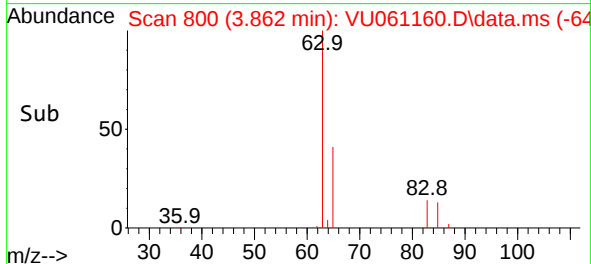
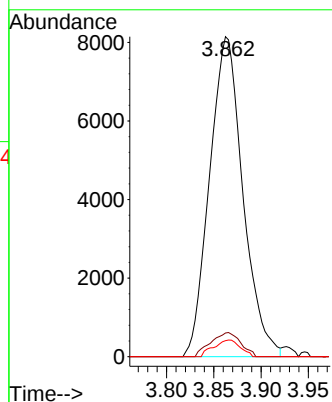
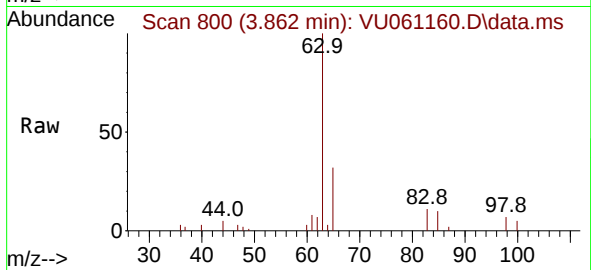
#17
1,1-Dichloroethane
Concen: 0.903 ug/l
RT: 3.862 min Scan# 80
Delta R.T. 0.003 min
Lab File: VU061160.D
Acq: 18 Oct 2024 13:03

Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT4-2024

Tgt Ion: 63 Resp: 1996
Ion Ratio Lower Upper
63 100
98 7.4 3.3 9.8
100 5.0 2.1 6.5

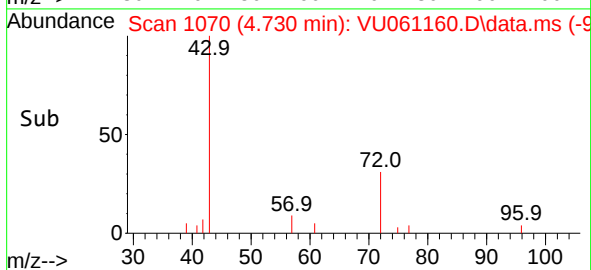
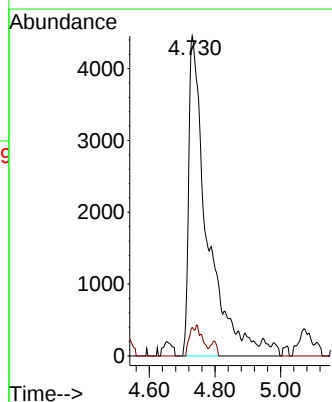
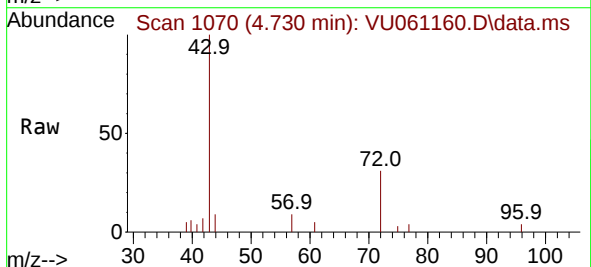
Manual Integrations
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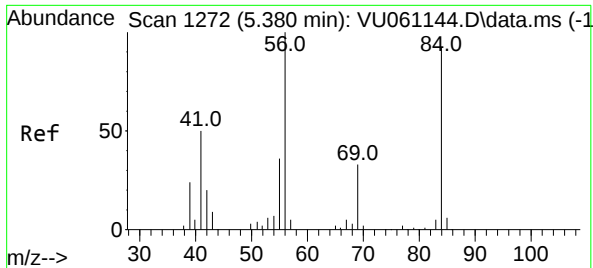
Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024



#18
2-Butanone
Concen: 5.207 ug/l m
RT: 4.730 min Scan# 1070
Delta R.T. 0.026 min
Lab File: VU061160.D
Acq: 18 Oct 2024 13:03

Tgt Ion: 43 Resp: 17786
Ion Ratio Lower Upper
43 100
57 8.9 0.0 19.0





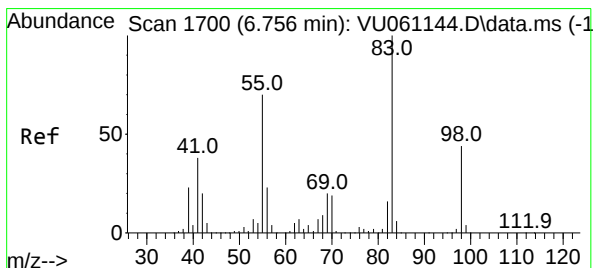
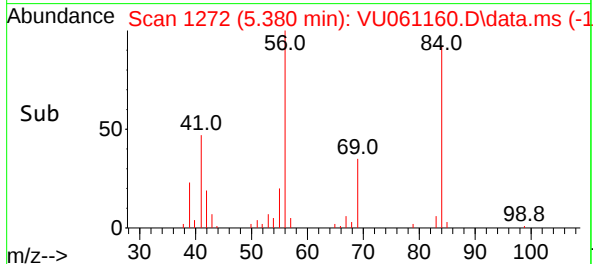
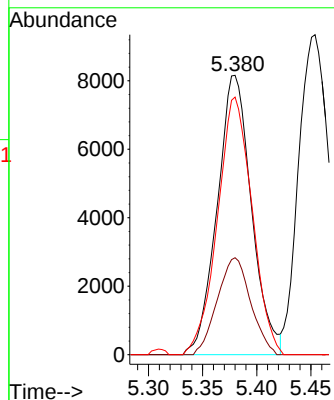
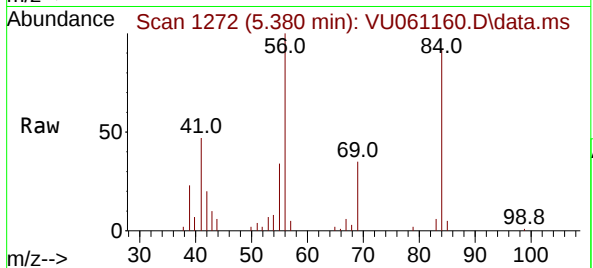
#19
Cyclohexane
Concen: 0.909 ug/l m
RT: 5.380 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU061160.D
Acq: 18 Oct 2024 13:03

Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT4-2024

Tgt Ion: 56 Resp: 18010
Ion Ratio Lower Upper
56 100
69 33.7 26.2 39.4
84 92.8 72.7 109.1

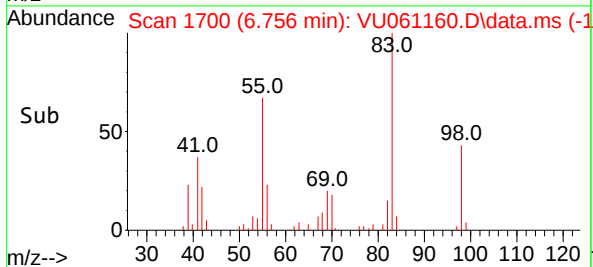
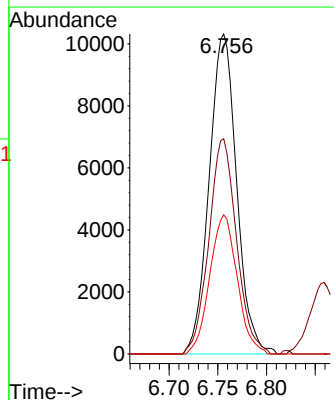
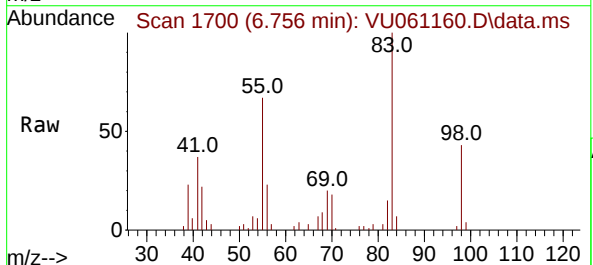
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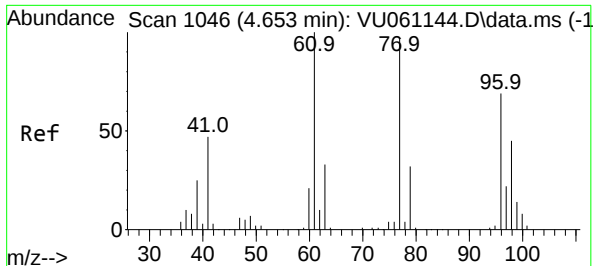
Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024



#20
Methylcyclohexane
Concen: 0.918 ug/l
RT: 6.756 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VU061160.D
Acq: 18 Oct 2024 13:03

Tgt Ion: 83 Resp: 20278
Ion Ratio Lower Upper
83 100
55 67.8 55.5 83.3
98 43.4 35.8 53.6





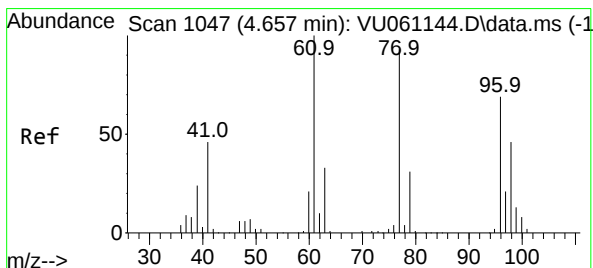
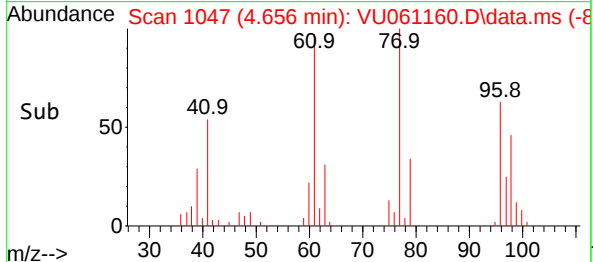
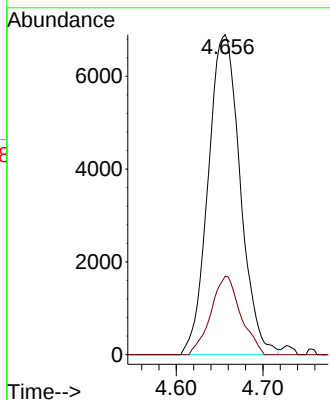
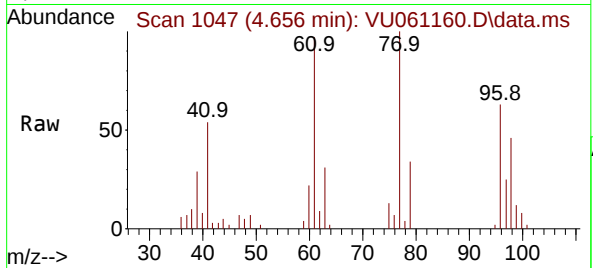
#21
2,2-Dichloropropane
Concen: 0.868 ug/l
RT: 4.656 min Scan# 1047
Delta R.T. 0.003 min
Lab File: VU061160.D
Acq: 18 Oct 2024 13:03

Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT4-2024

Tgt Ion: 77 Resp: 17715
Ion Ratio Lower Upper
77 100
97 22.8 18.3 27.5

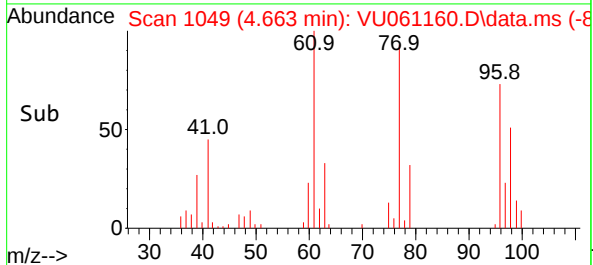
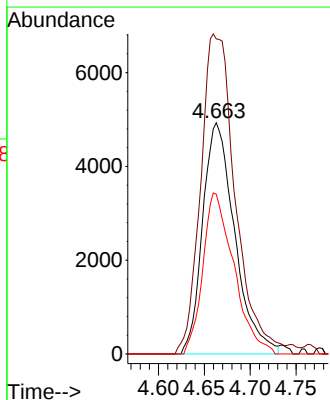
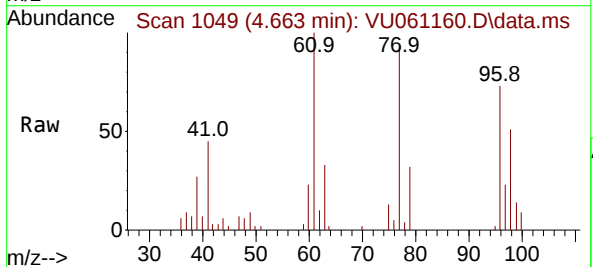
Manual Integrations
APPROVED

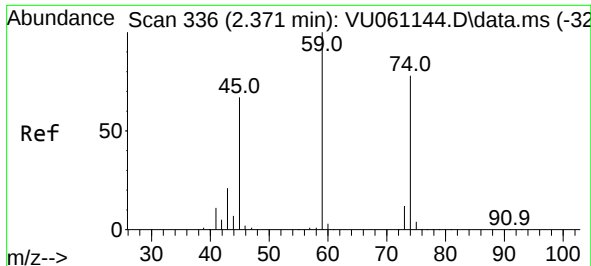
Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024



#22
cis-1,2-Dichloroethene
Concen: 0.883 ug/l
RT: 4.663 min Scan# 1049
Delta R.T. 0.006 min
Lab File: VU061160.D
Acq: 18 Oct 2024 13:03

Tgt Ion: 96 Resp: 12000
Ion Ratio Lower Upper
96 100
61 149.4 0.0 364.8
98 67.3 32.1 96.3





#23

Diethyl Ether

Concen: 0.862 ug/l

RT: 2.374 min Scan# 311

Delta R.T. 0.003 min

Lab File: VU061160.D

Acq: 18 Oct 2024 13:03

Instrument :

MSVOA_U

ClientSampleId :

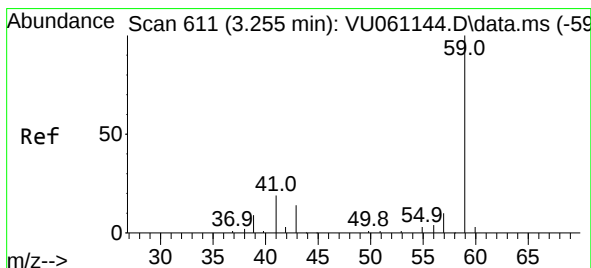
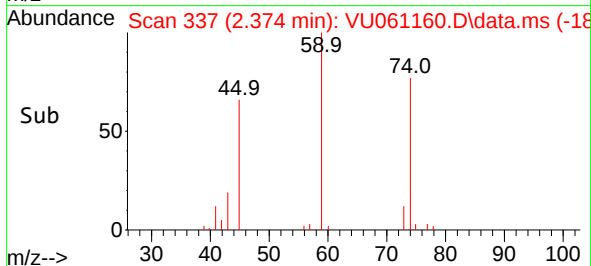
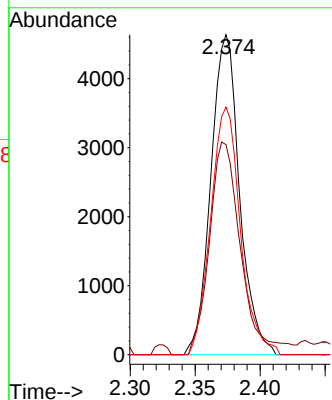
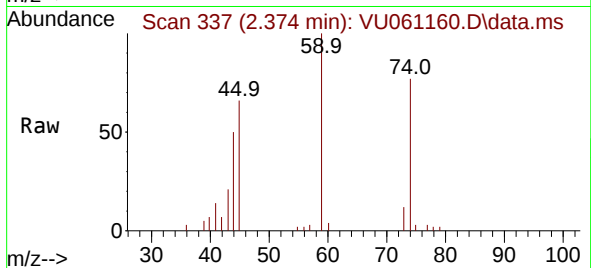
LOQ-WATER-02-QT4-2024

Tgt Ion: 59	Resp: 7120
Ion Ratio	Lower Upper
59	100
45	73.0 52.0 78.0
74	79.8 62.2 93.2

Manual Integrations

APPROVED

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



#24

tert-Butyl Alcohol

Concen: 9.994 ug/l m

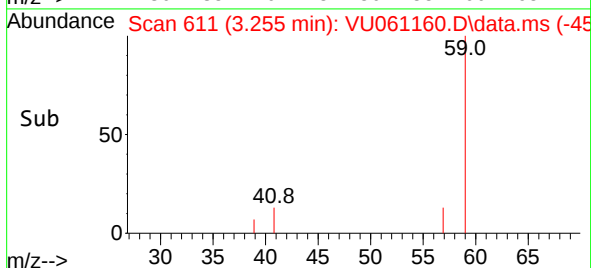
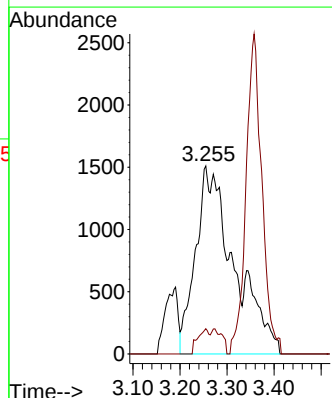
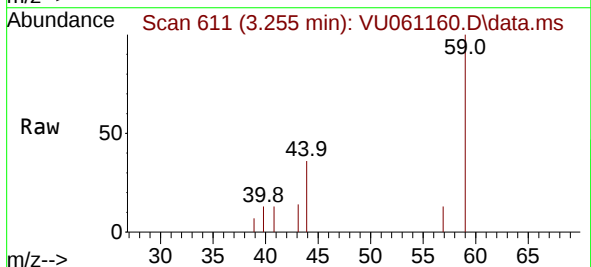
RT: 3.255 min Scan# 611

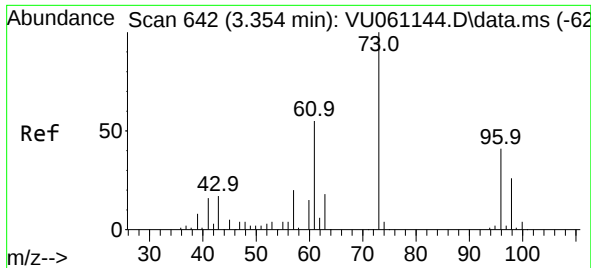
Delta R.T. -0.000 min

Lab File: VU061160.D

Acq: 18 Oct 2024 13:03

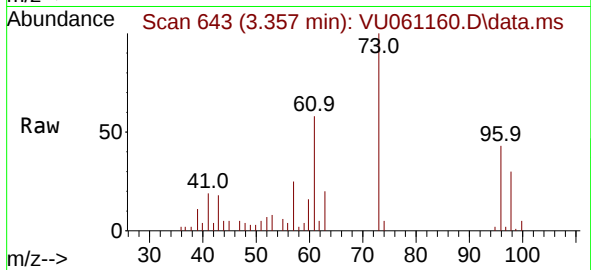
Tgt Ion: 59	Resp: 8618
Ion Ratio	Lower Upper
59	100
57	4.1 3.2 4.8





#25
Methyl tert-Butyl Ether
Concen: 0.887 ug/l
RT: 3.357 min Scan# 642
Delta R.T. 0.003 min
Lab File: VU061160.D
Acq: 18 Oct 2024 13:03

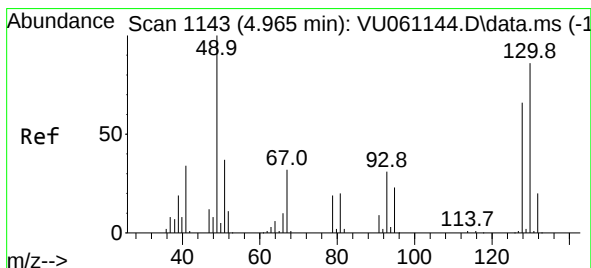
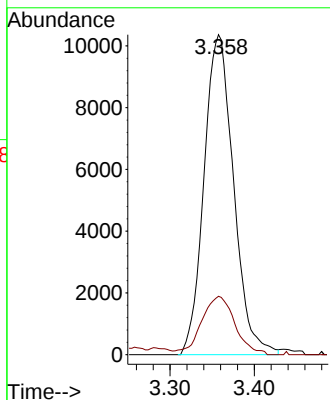
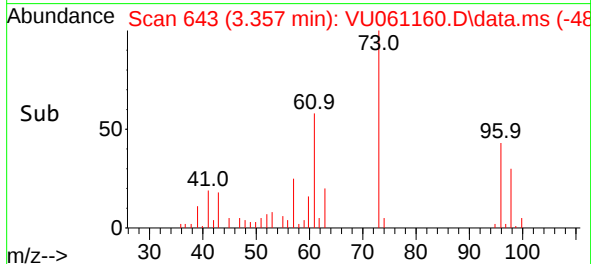
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT4-2024



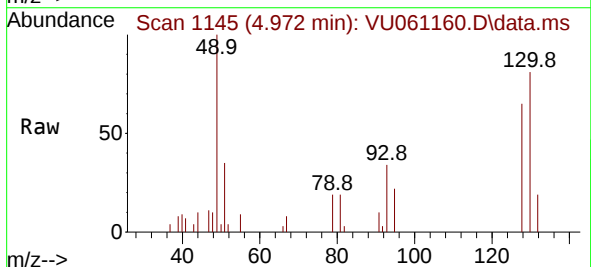
Tgt Ion: 73 Resp: 25284
Ion Ratio Lower Upper
73 100
43 20.6 14.7 22.1

Manual Integrations
APPROVED

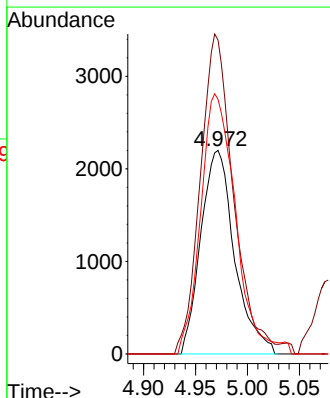
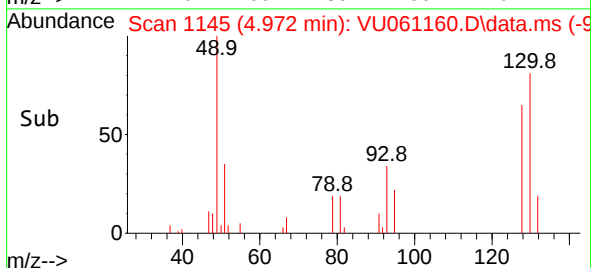
Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024

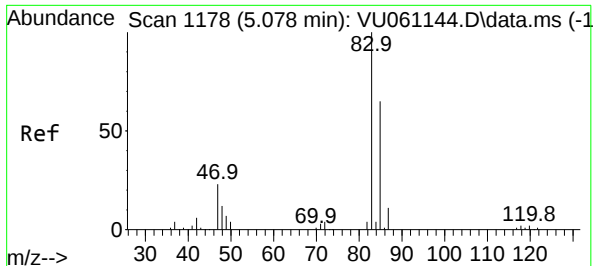


#26
Bromochloromethane
Concen: 0.874 ug/l
RT: 4.972 min Scan# 1145
Delta R.T. 0.006 min
Lab File: VU061160.D
Acq: 18 Oct 2024 13:03



Tgt Ion:128 Resp: 4969
Ion Ratio Lower Upper
128 100
49 153.9 0.0 308.8
130 132.7 105.3 157.9





#27

Chloroform

Concen: 0.916 ug/l

RT: 5.081 min Scan# 1178

Delta R.T. 0.003 min

Lab File: VU061160.D

Acq: 18 Oct 2024 13:03

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT4-2024

Tgt Ion: 83 Resp: 21250

Ion Ratio Lower Upper

83 100

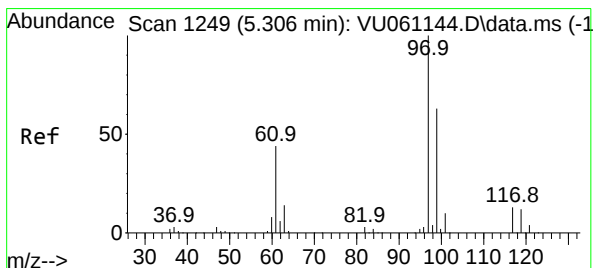
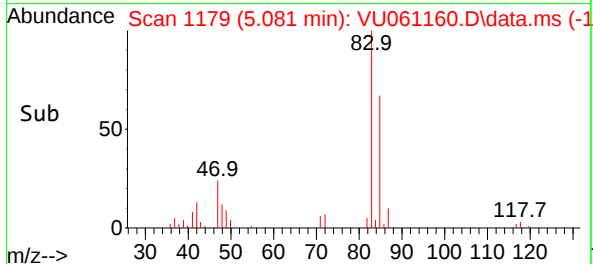
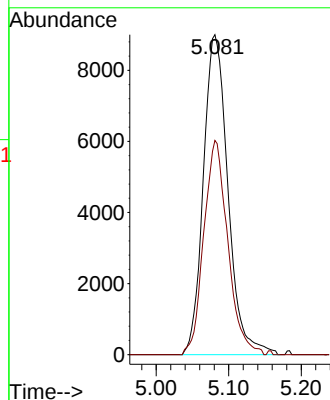
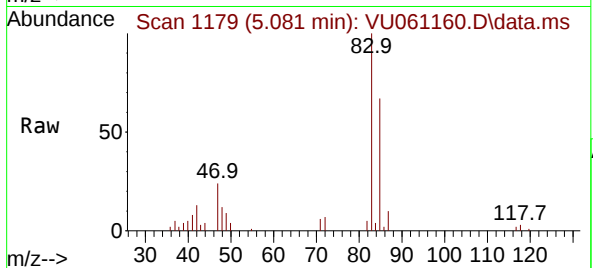
85 67.0 0.0 129.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/25/2024

Supervised By :Semsettin Yesilyurt 10/25/2024



#28

1,1,1-Trichloroethane

Concen: 0.884 ug/l

RT: 5.309 min Scan# 1250

Delta R.T. 0.003 min

Lab File: VU061160.D

Acq: 18 Oct 2024 13:03

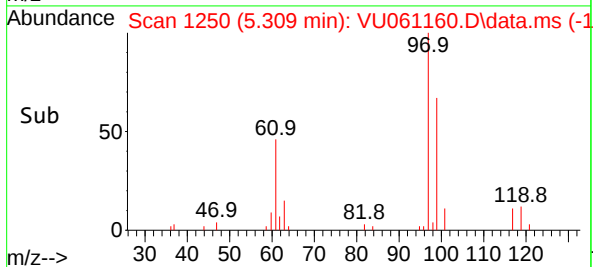
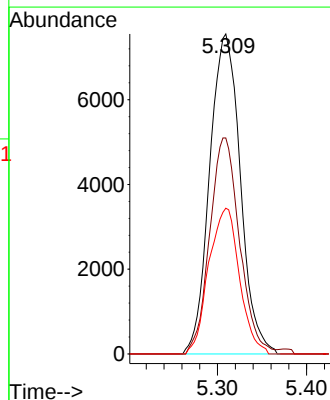
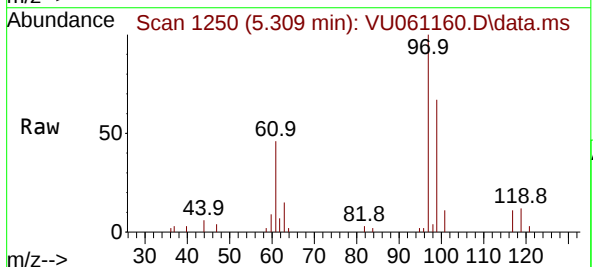
Tgt Ion: 97 Resp: 18073

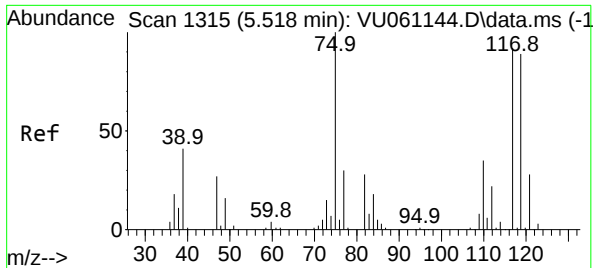
Ion Ratio Lower Upper

97 100

99 65.7 31.9 95.5

61 45.6 22.1 66.1





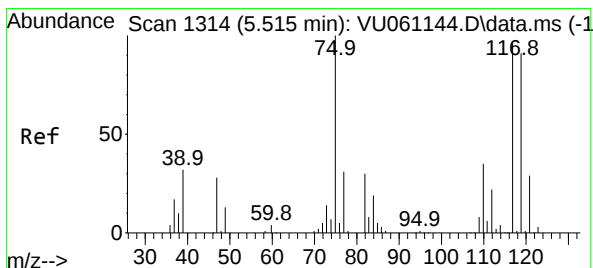
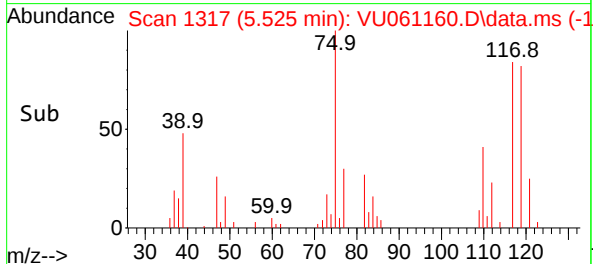
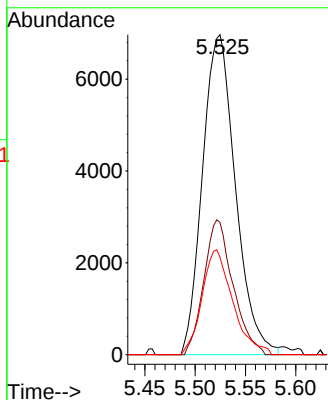
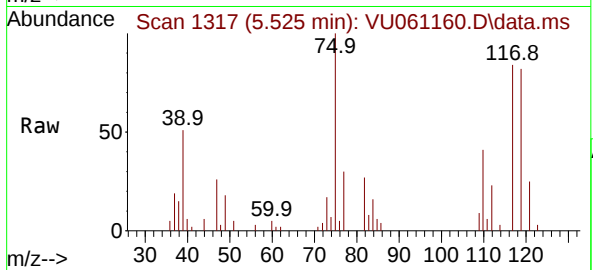
#29
1,1-Dichloropropene
Concen: 0.880 ug/l
RT: 5.525 min Scan# 110
Delta R.T. 0.006 min
Lab File: VU061160.D
Acq: 18 Oct 2024 13:03

Instrument : MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT4-2024

Tgt Ion: 75 Resp: 1590
Ion Ratio Lower Upper
75 100
110 37.2 17.8 53.3
77 30.5 24.6 37.0

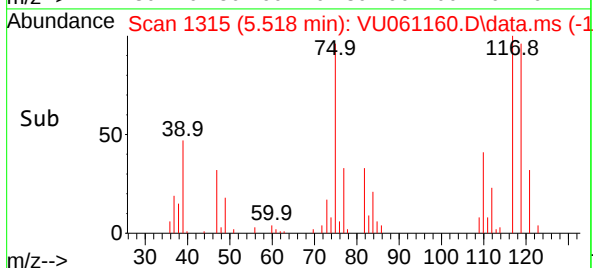
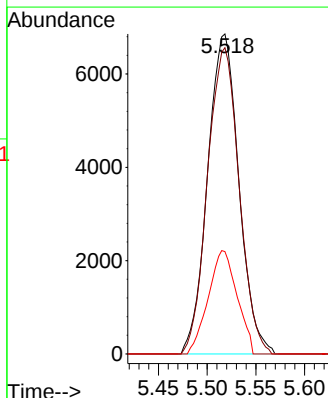
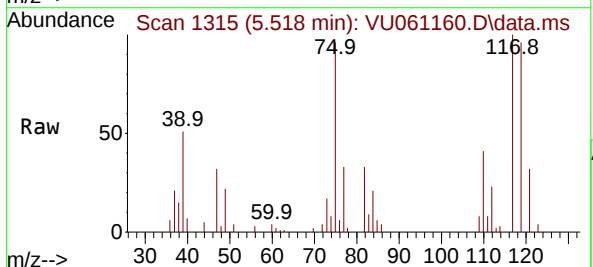
Manual Integrations
APPROVED

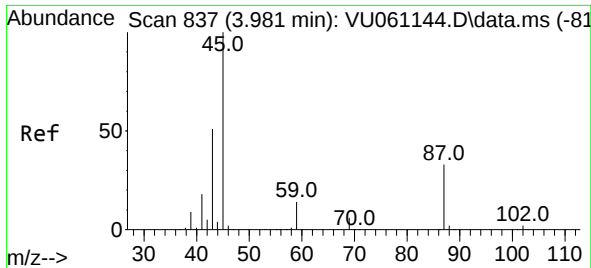
Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024



#30
Carbon Tetrachloride
Concen: 0.862 ug/l
RT: 5.518 min Scan# 1315
Delta R.T. 0.003 min
Lab File: VU061160.D
Acq: 18 Oct 2024 13:03

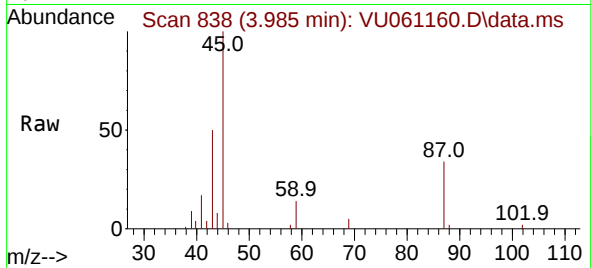
Tgt Ion:117 Resp: 15301
Ion Ratio Lower Upper
117 100
119 95.7 76.4 114.6
121 32.0 24.1 36.1





#31
Isopropyl Ether
Concen: 0.904 ug/l
RT: 3.985 min Scan# 837
Delta R.T. 0.003 min
Lab File: VU061160.D
Acq: 18 Oct 2024 13:03

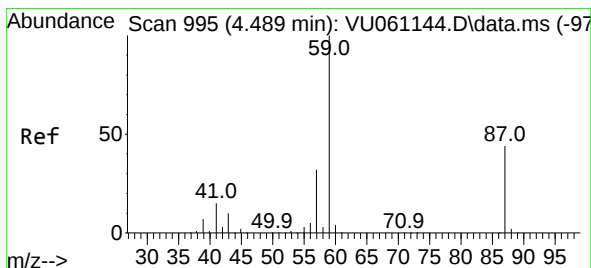
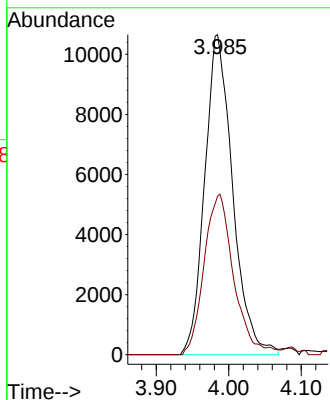
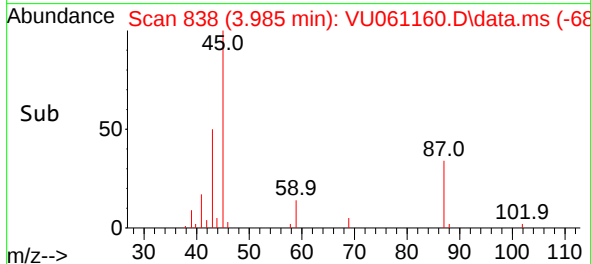
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT4-2024



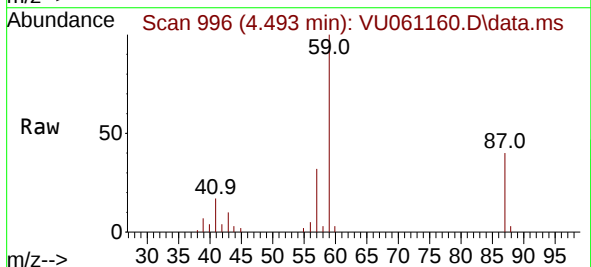
Tgt Ion: 45 Resp: 2853
Ion Ratio Lower Upper
45 100
43 53.1 25.7 77.0

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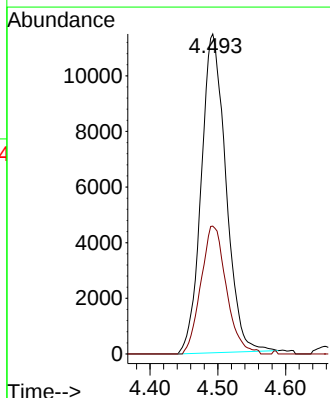
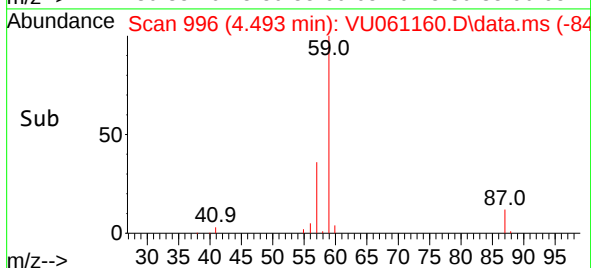
Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024

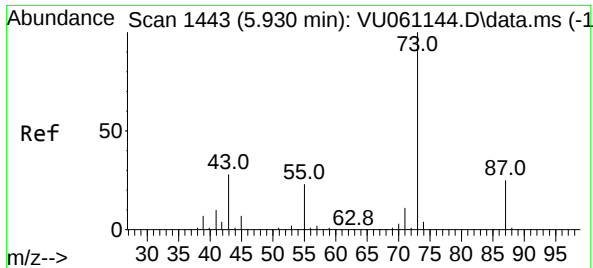


#32
Ethyl-t-butyl ether
Concen: 0.894 ug/l
RT: 4.493 min Scan# 996
Delta R.T. 0.003 min
Lab File: VU061160.D
Acq: 18 Oct 2024 13:03



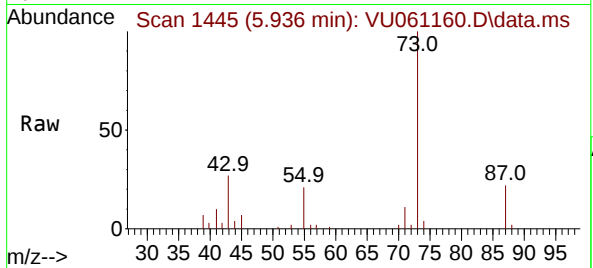
Tgt Ion: 59 Resp: 29016
Ion Ratio Lower Upper
59 100
87 41.4 34.7 52.1





#33
Tert-Amyl methyl ether
Concen: 0.901 ug/l
RT: 5.936 min Scan# 1443
Delta R.T. 0.006 min
Lab File: VU061160.D
Acq: 18 Oct 2024 13:03

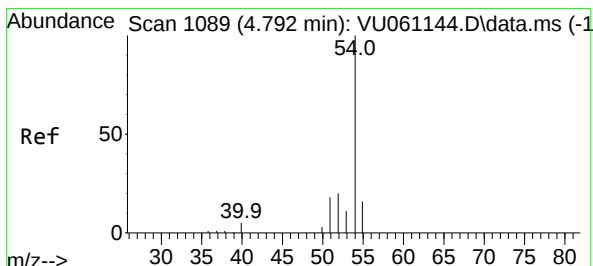
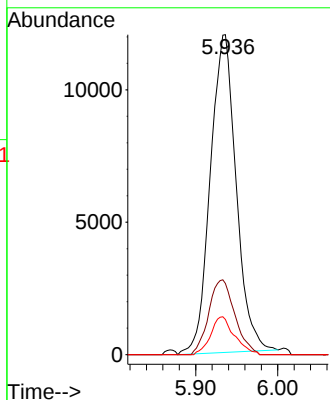
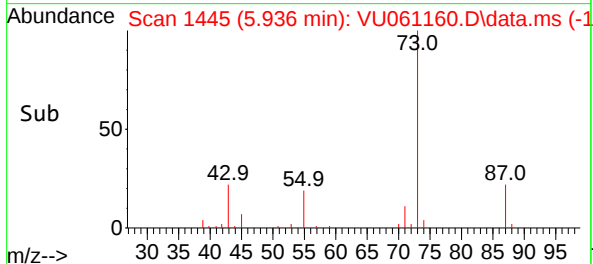
Instrument : MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT4-2024



Tgt Ion: 73 Resp: 26300
Ion Ratio Lower Upper
73 100
87 23.8 19.8 29.8
71 11.0 8.6 12.8

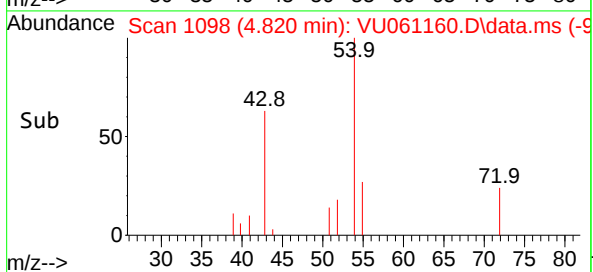
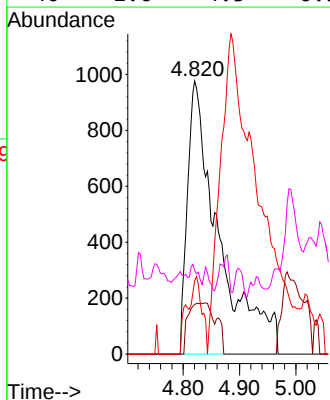
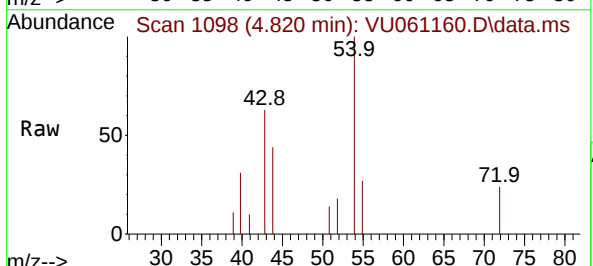
Manual Integrations
APPROVED

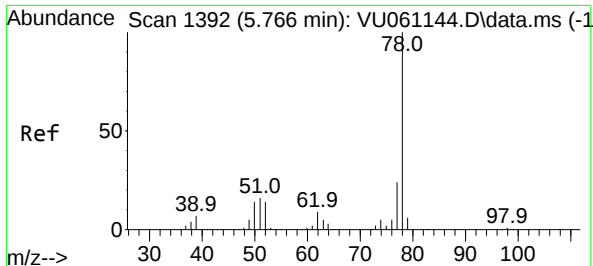
Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024



#34
Propionitrile
Concen: 4.604 ug/l m
RT: 4.820 min Scan# 1098
Delta R.T. 0.029 min
Lab File: VU061160.D
Acq: 18 Oct 2024 13:03

Tgt Ion: 54 Resp: 3752
Ion Ratio Lower Upper
54 100
52 7.5 15.3 22.9#
55 9.2 9.7 14.5#
40 1.6 4.3 6.5#





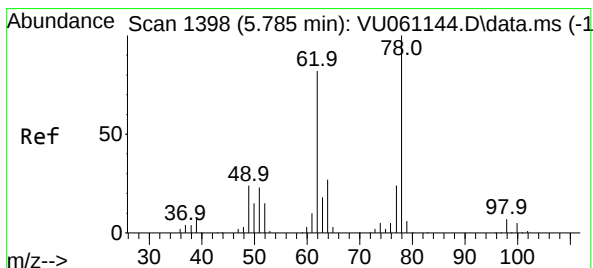
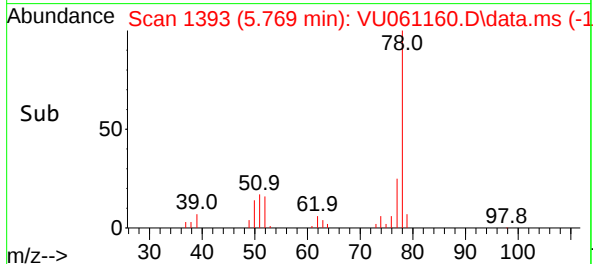
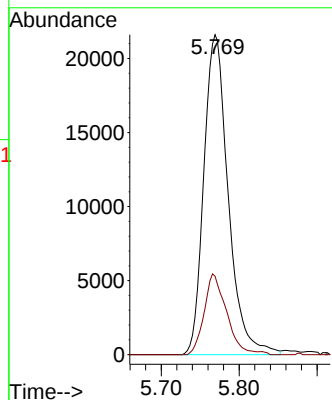
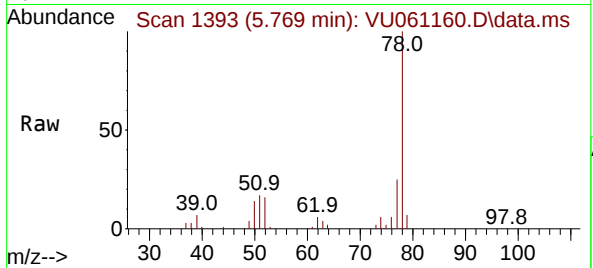
#35
Benzene
Concen: 0.924 ug/l
RT: 5.769 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU061160.D
Acq: 18 Oct 2024 13:03

Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT4-2024

Tgt Ion: 78 Resp: 47019
Ion Ratio Lower Upper
78 100
77 24.5 19.4 29.0

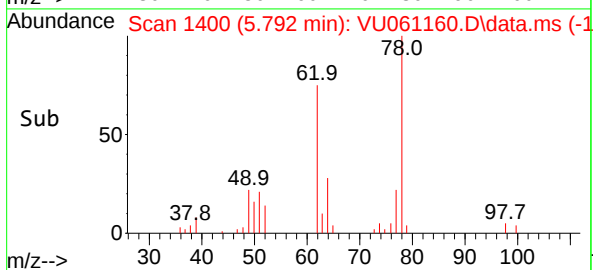
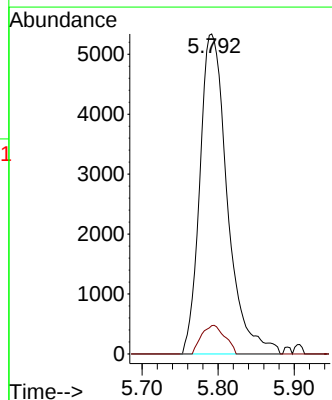
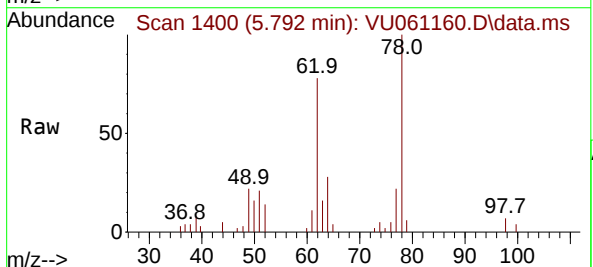
Manual Integrations
APPROVED

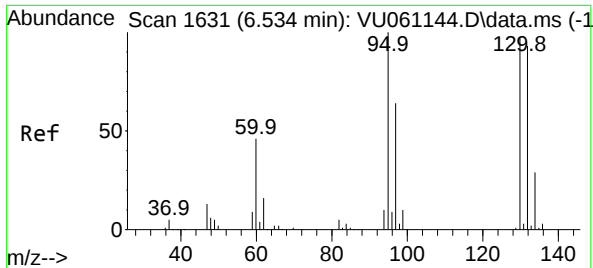
Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024



#36
1,2-Dichloroethane
Concen: 0.934 ug/l
RT: 5.792 min Scan# 1400
Delta R.T. 0.006 min
Lab File: VU061160.D
Acq: 18 Oct 2024 13:03

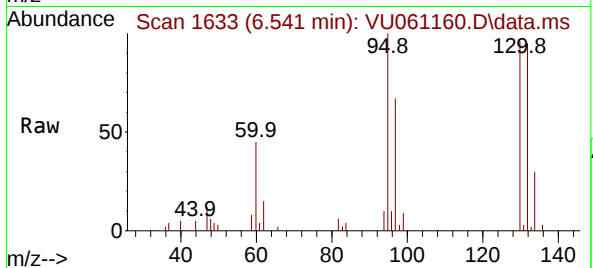
Tgt Ion: 62 Resp: 13423
Ion Ratio Lower Upper
62 100
98 7.6 7.0 10.4





#37
Trichloroethene
Concen: 0.896 ug/l
RT: 6.541 min Scan# 1633
Delta R.T. 0.006 min
Lab File: VU061160.D
Acq: 18 Oct 2024 13:03

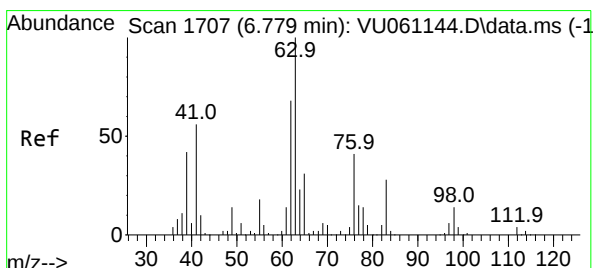
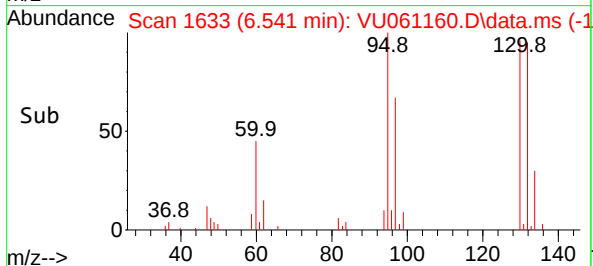
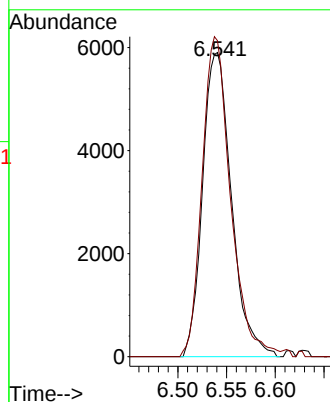
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT4-2024



Tgt Ion:130 Resp: 1217
Ion Ratio Lower Upper
130 100
95 103.9 82.6 123.8

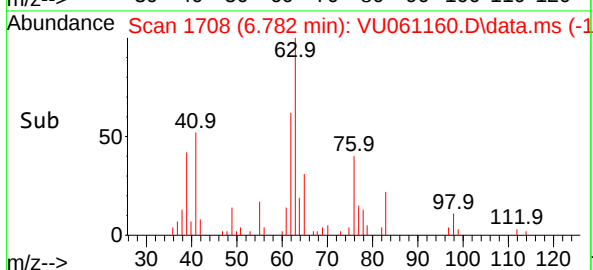
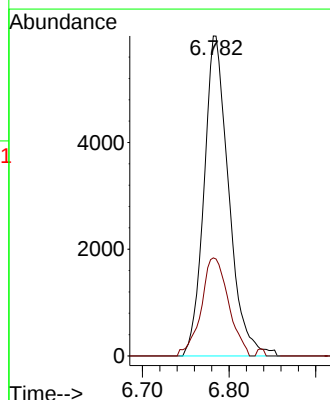
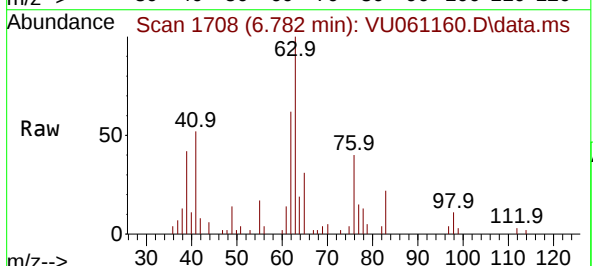
Manual Integrations
APPROVED

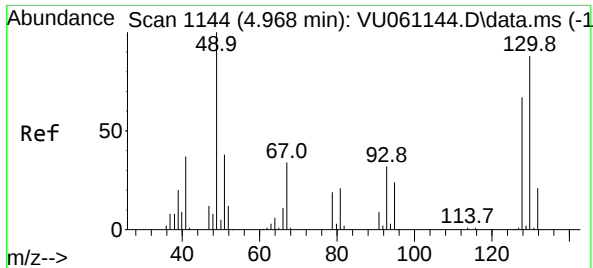
Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024



#38
1,2-Dichloropropane
Concen: 0.923 ug/l
RT: 6.782 min Scan# 1708
Delta R.T. 0.003 min
Lab File: VU061160.D
Acq: 18 Oct 2024 13:03

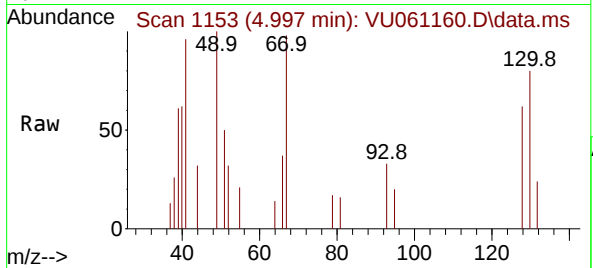
Tgt Ion: 63 Resp: 11897
Ion Ratio Lower Upper
63 100
65 30.7 25.0 37.6





#39
Methacrylonitrile
Concen: 0.883 ug/l m
RT: 4.997 min Scan# 1118
Delta R.T. 0.029 min
Lab File: VU061160.D
Acq: 18 Oct 2024 13:03

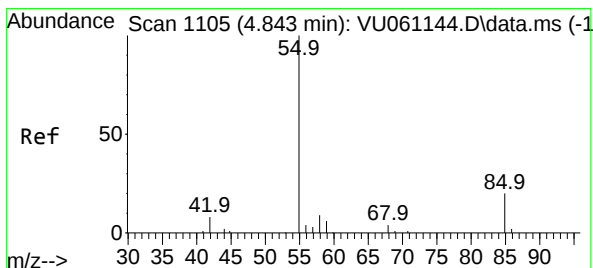
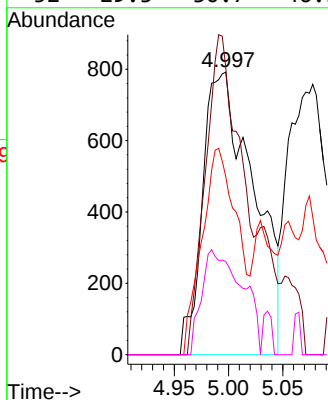
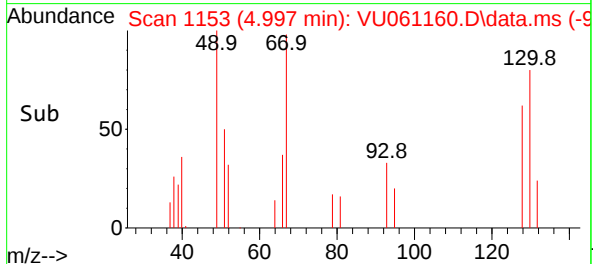
Instrument : MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT4-2024



Tgt Ion: 41 Resp: 2592
Ion Ratio Lower Upper
41 100
67 77.4 78.1 117.1#
39 51.3 44.6 67.0#
52 29.3 30.7 46.1#

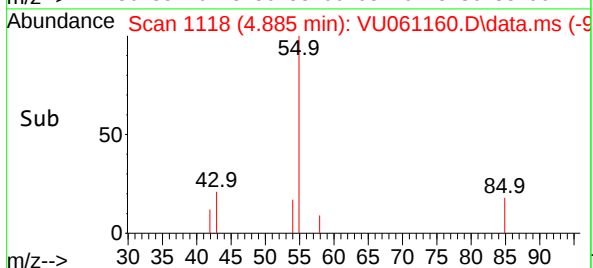
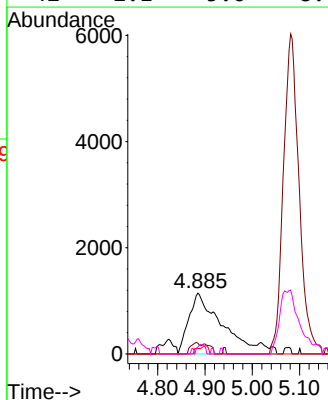
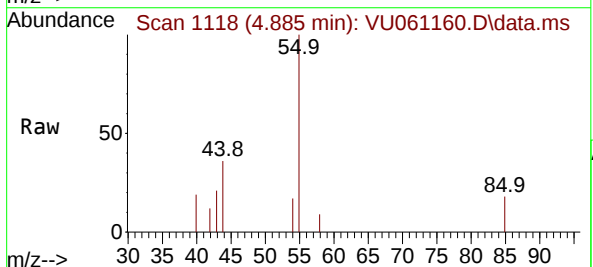
Manual Integrations
APPROVED

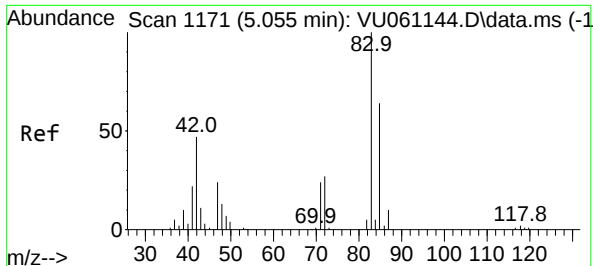
Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024



#40
Methyl acrylate
Concen: 0.967 ug/l m
RT: 4.885 min Scan# 1118
Delta R.T. 0.042 min
Lab File: VU061160.D
Acq: 18 Oct 2024 13:03

Tgt Ion: 55 Resp: 5757
Ion Ratio Lower Upper
55 100
85 0.0 14.1 21.1#
58 0.0 6.9 10.3#
42 2.1 5.6 8.4#





#41

Tetrahydrofuran

Concen: 2.033 ug/l

RT: 5.081 min Scan# 1171

Delta R.T. 0.026 min

Lab File: VU061160.D

Acq: 18 Oct 2024 13:03

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT4-2024

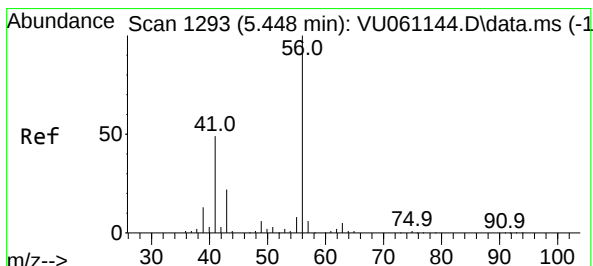
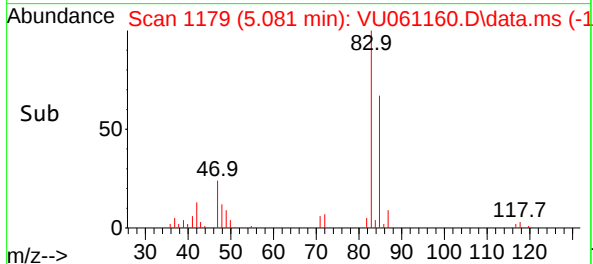
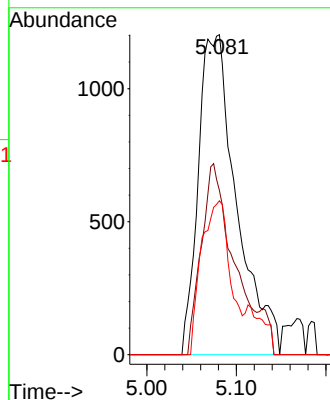
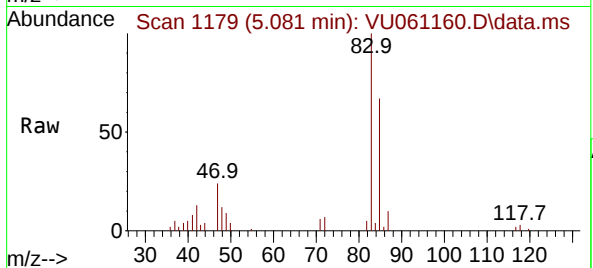
Tgt Ion:	42	Resp:	358
Ion Ratio	Lower	Upper	
42	100		
72	49.3	47.8	71.8
71	36.2	41.5	62.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/25/2024

Supervised By :Semsettin Yesilyurt 10/25/2024



#42

1-Chlorobutane

Concen: 0.850 ug/l

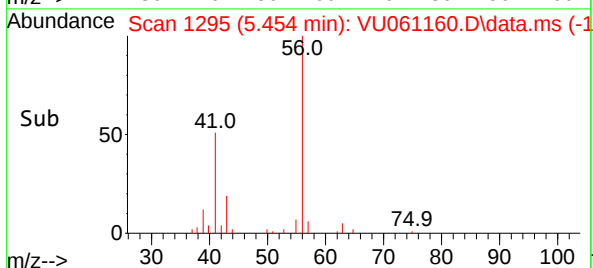
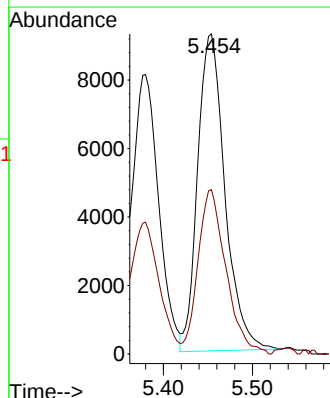
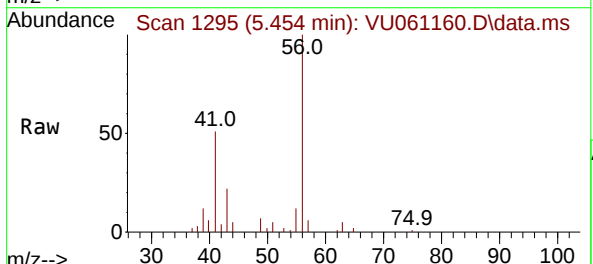
RT: 5.454 min Scan# 1295

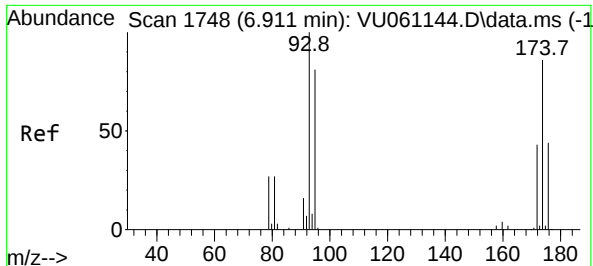
Delta R.T. 0.006 min

Lab File: VU061160.D

Acq: 18 Oct 2024 13:03

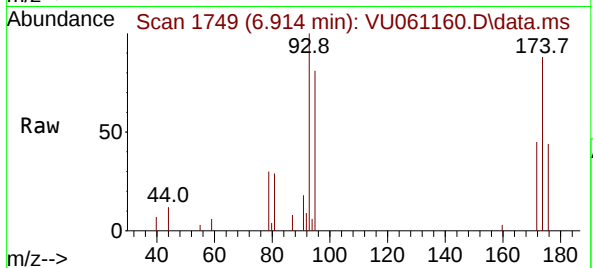
Tgt Ion:	56	Resp:	19717
Ion Ratio	Lower	Upper	
56	100		
41	53.3	23.9	71.7





#43
Dibromomethane
Concen: 0.897 ug/l
RT: 6.914 min Scan# 1749
Delta R.T. 0.003 min
Lab File: VU061160.D
Acq: 18 Oct 2024 13:03

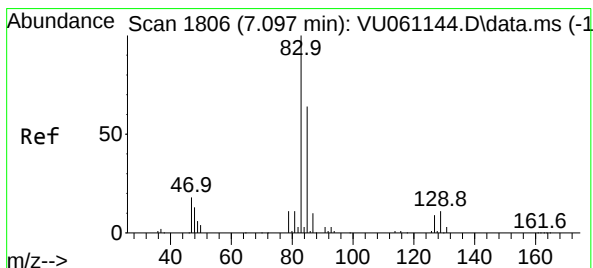
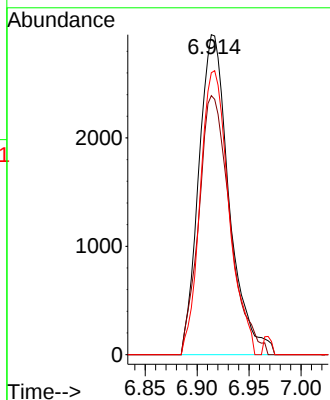
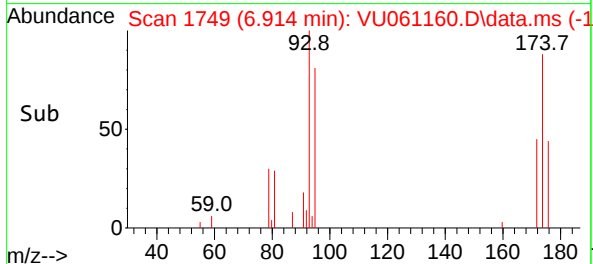
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT4-2024



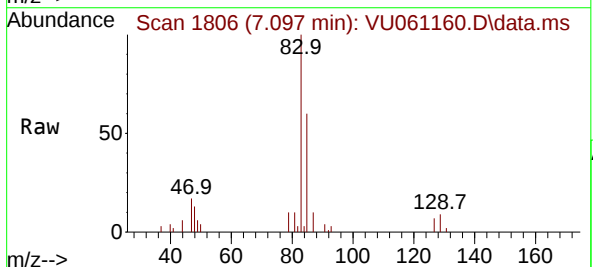
Tgt Ion: 93 Resp: 5992
Ion Ratio Lower Upper
93 100
95 83.1 67.5 101.3
174 83.7 71.2 106.8

Manual Integrations
APPROVED

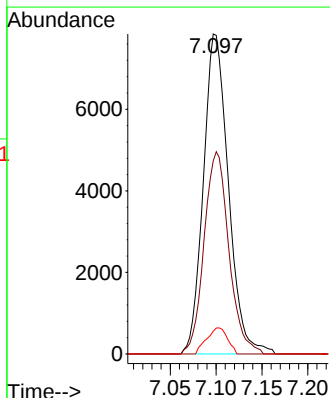
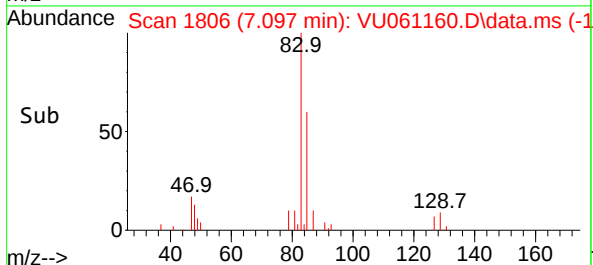
Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024

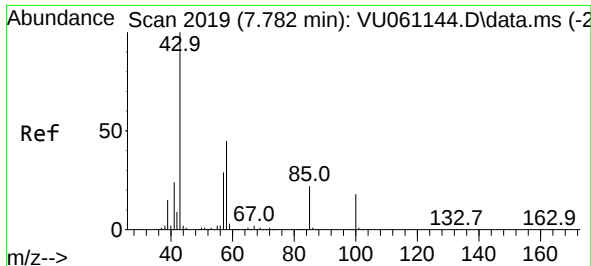


#44
Bromodichloromethane
Concen: 0.919 ug/l
RT: 7.097 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VU061160.D
Acq: 18 Oct 2024 13:03



Tgt Ion: 83 Resp: 14934
Ion Ratio Lower Upper
83 100
85 60.3 51.4 77.2
127 7.1 7.4 11.2#





#45

4-Methyl-2-Pentanone

Concen: 4.391 ug/l

RT: 7.788 min Scan# 2019

Delta R.T. 0.006 min

Lab File: VU061160.D

Acq: 18 Oct 2024 13:03

Instrument :

MSVOA_U

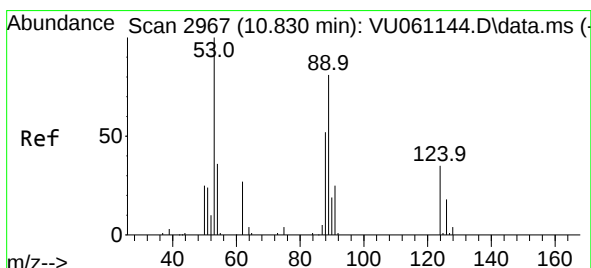
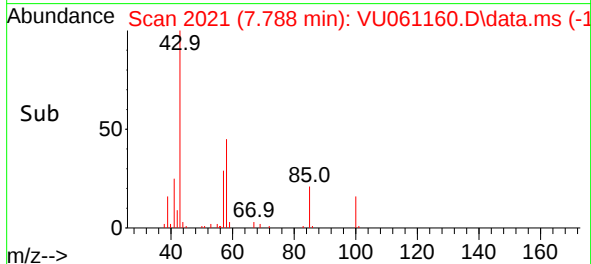
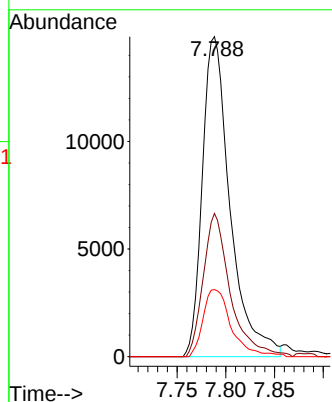
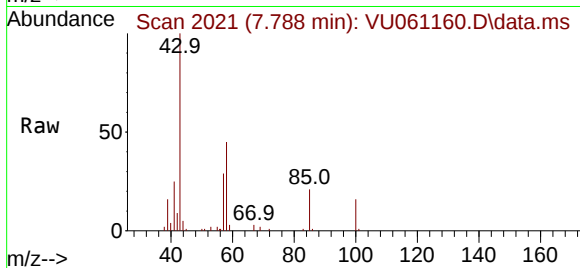
ClientSampleId :

LOQ-WATER-02-QT4-2024

Tgt Ion:	43	Resp:	2945
Ion Ratio	Lower	Upper	
43	100		
58	43.6	22.2	66.6
85	21.4	17.2	25.8

Manual Integrations
APPROVED

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



#46

t-1,4-Dichloro-2-butene

Concen: 1.837 ug/l m

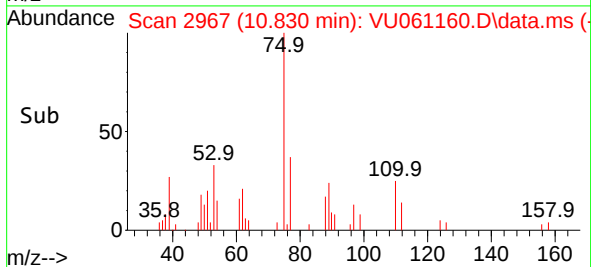
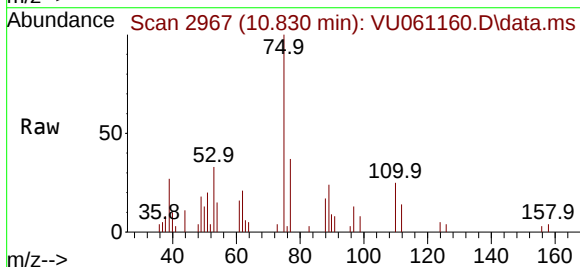
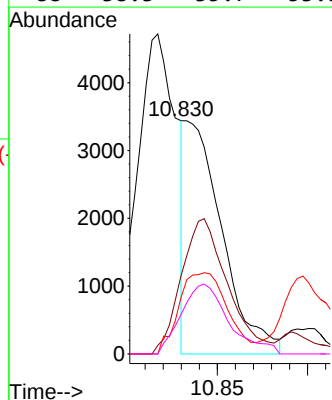
RT: 10.830 min Scan# 2967

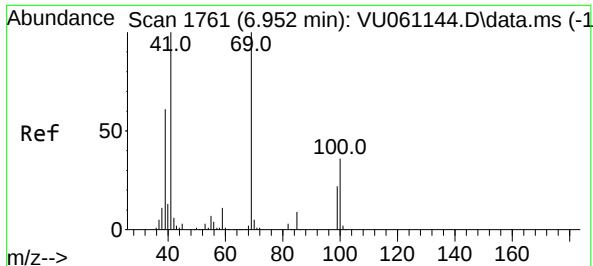
Delta R.T. -0.000 min

Lab File: VU061160.D

Acq: 18 Oct 2024 13:03

Tgt Ion:	75	Resp:	4915
Ion Ratio	Lower	Upper	
75	100		
53	72.6	66.0	99.0
89	45.8	48.0	72.0#
88	38.3	35.7	53.5





#47

Methyl methacrylate

Concen: 1.673 ug/l

RT: 6.965 min Scan# 1761

Delta R.T. 0.013 min

Lab File: VU061160.D

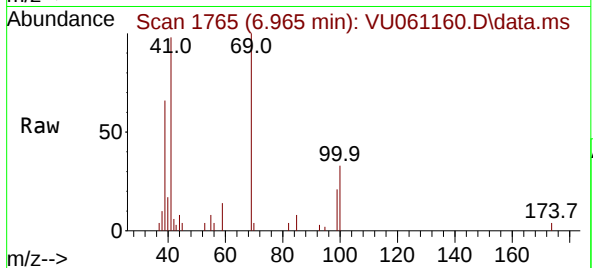
Acq: 18 Oct 2024 13:03

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT4-2024



Tgt Ion: 69 Resp: 9719

Ion Ratio Lower Upper

69 100

41 99.8 0.0 196.0

39 61.7 48.0 72.0

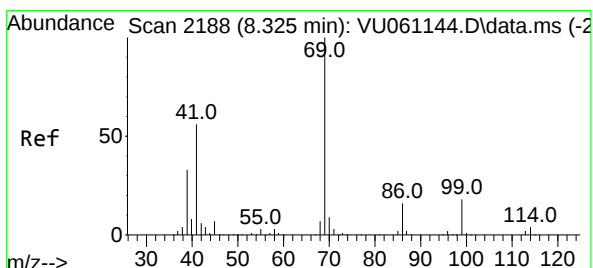
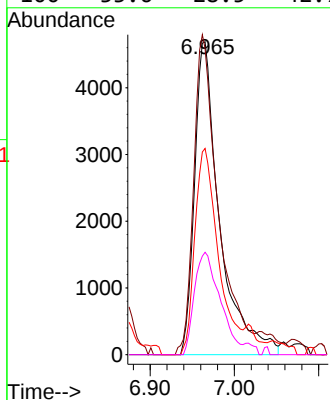
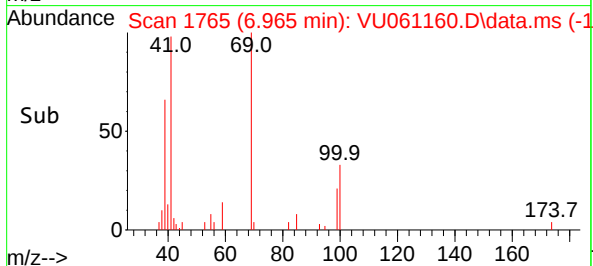
100 33.6 28.5 42.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/25/2024

Supervised By :Semsettin Yesilyurt 10/25/2024



#48

Ethyl methacrylate

Concen: 0.880 ug/l

RT: 8.332 min Scan# 2190

Delta R.T. 0.006 min

Lab File: VU061160.D

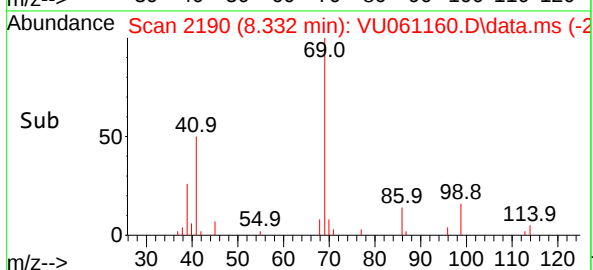
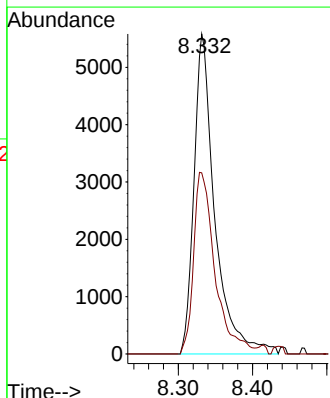
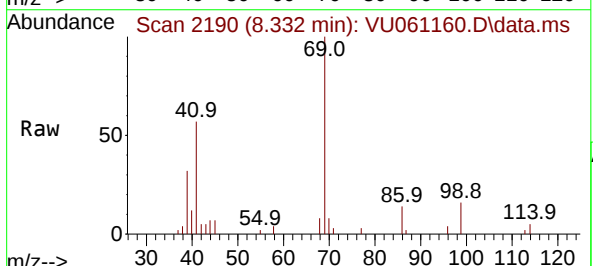
Acq: 18 Oct 2024 13:03

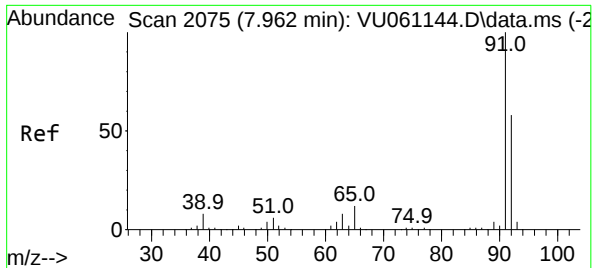
Tgt Ion: 69 Resp: 10898

Ion Ratio Lower Upper

69 100

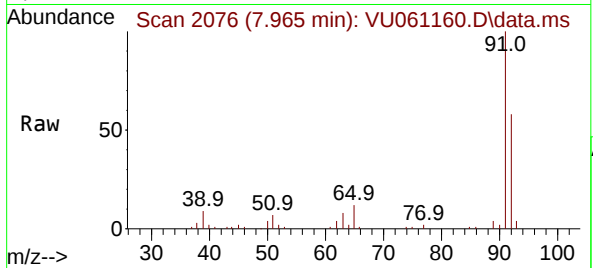
41 58.5 28.1 84.3





#49
Toluene
Concen: 0.904 ug/l
RT: 7.965 min Scan# 2075
Delta R.T. 0.003 min
Lab File: VU061160.D
Acq: 18 Oct 2024 13:03

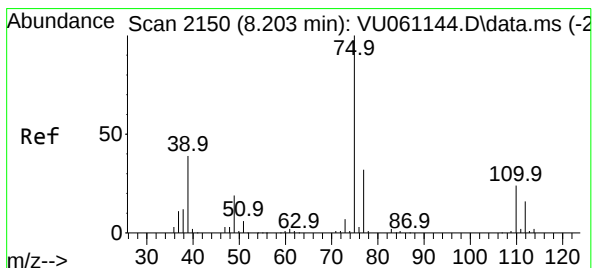
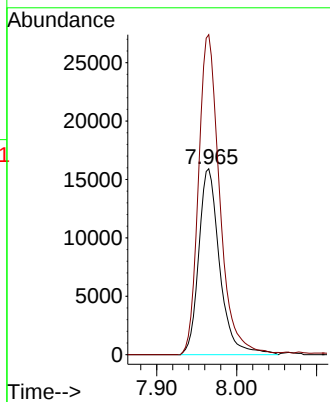
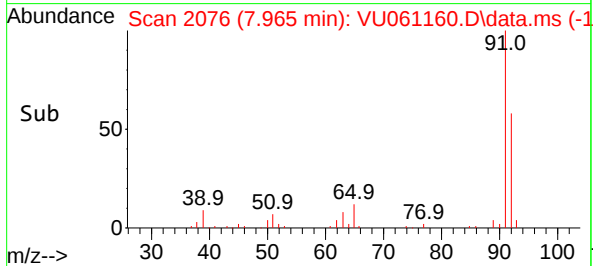
Instrument : MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT4-2024



Tgt Ion: 92 Resp: 2905
Ion Ratio Lower Upper
92 100
91 174.0 139.1 208.7

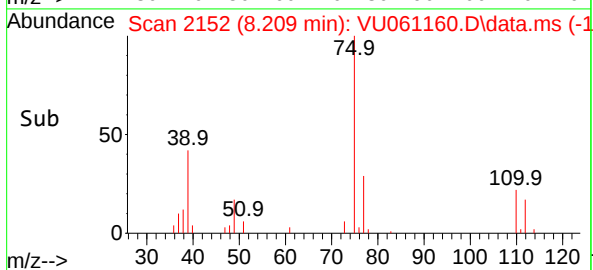
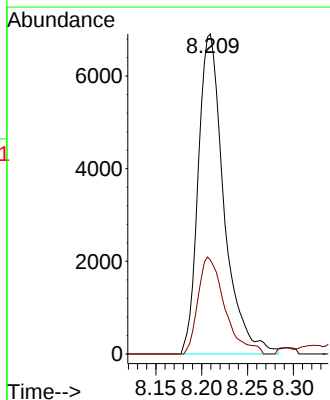
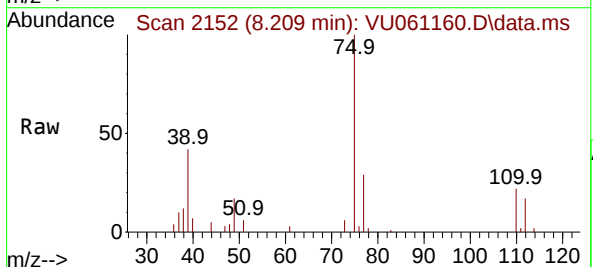
Manual Integrations
APPROVED

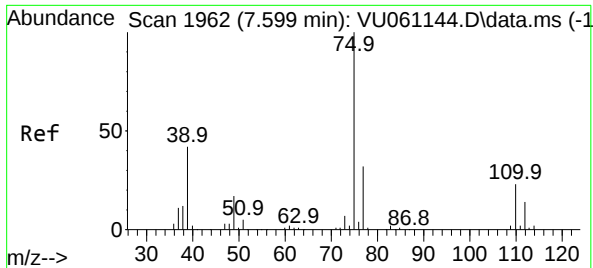
Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024



#50
t-1,3-Dichloropropene
Concen: 0.859 ug/l
RT: 8.209 min Scan# 2152
Delta R.T. 0.006 min
Lab File: VU061160.D
Acq: 18 Oct 2024 13:03

Tgt Ion: 75 Resp: 13453
Ion Ratio Lower Upper
75 100
77 29.4 25.9 38.9





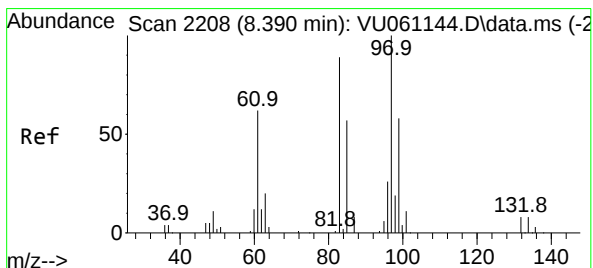
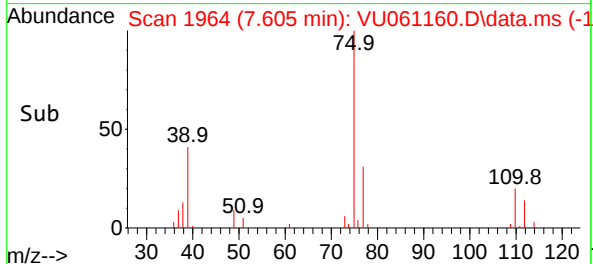
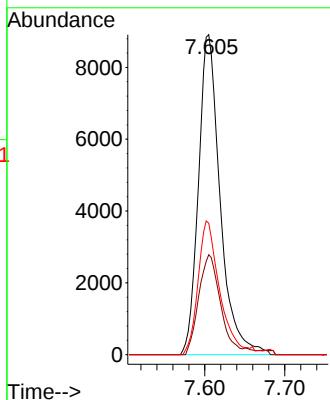
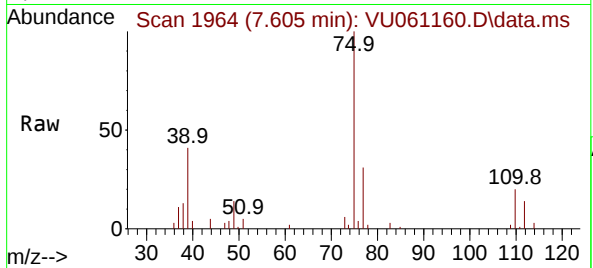
#51
 cis-1,3-Dichloropropene
 Concen: 0.879 ug/l
 RT: 7.605 min Scan# 1962
 Delta R.T. 0.006 min
 Lab File: VU061160.D
 Acq: 18 Oct 2024 13:03

Instrument : MSVOA_U
 ClientSampleId :
 LOQ-WATER-02-QT4-2024

Tgt Ion: 75 Resp: 1690
 Ion Ratio Lower Upper
 75 100
 77 31.2 25.8 38.8
 39 41.1 33.7 50.5

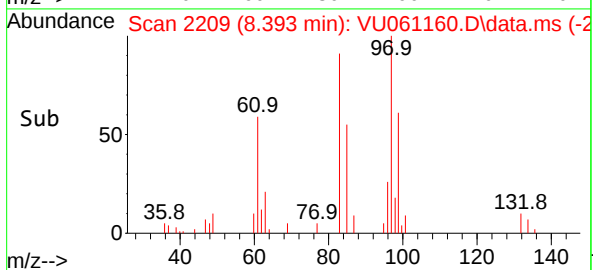
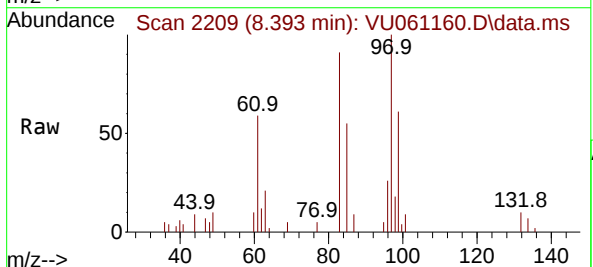
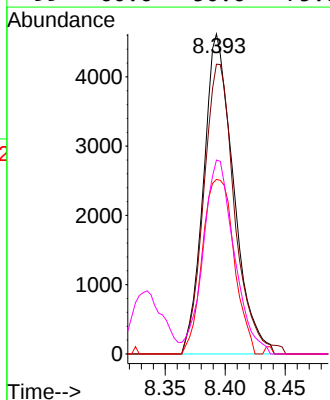
Manual Integrations
 APPROVED

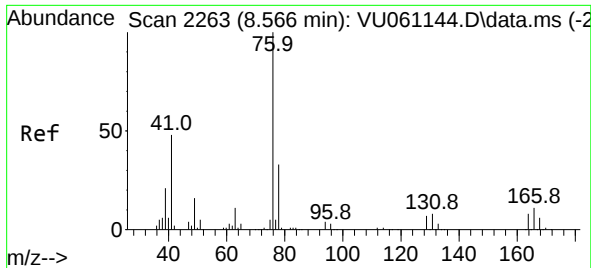
Reviewed By :Mahesh Dadoda 10/25/2024
 Supervised By :Semsettin Yesilyurt 10/25/2024



#52
 1,1,2-Trichloroethane
 Concen: 0.892 ug/l
 RT: 8.393 min Scan# 2209
 Delta R.T. 0.003 min
 Lab File: VU061160.D
 Acq: 18 Oct 2024 13:03

Tgt Ion: 97 Resp: 8038
 Ion Ratio Lower Upper
 97 100
 83 90.6 71.0 106.4
 85 54.6 46.1 69.1
 99 60.6 50.6 75.8





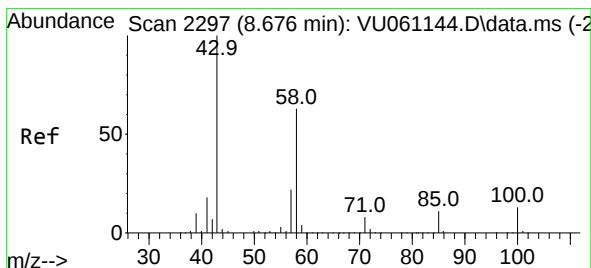
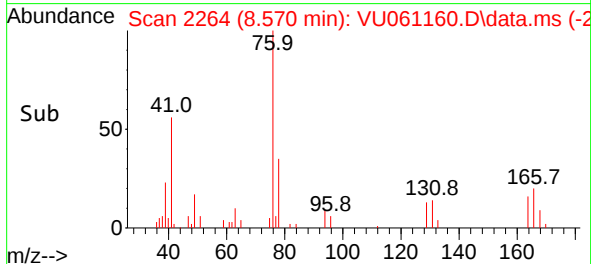
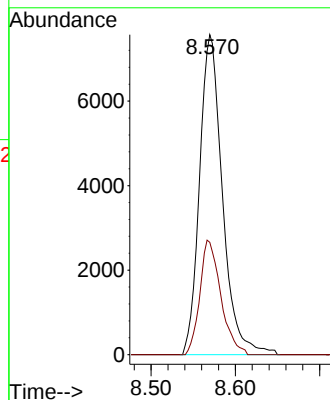
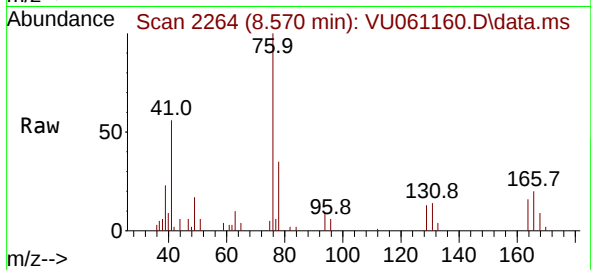
#53
1,3-Dichloropropane
Concen: 0.904 ug/l
RT: 8.570 min Scan# 2100
Delta R.T. 0.003 min
Lab File: VU061160.D
Acq: 18 Oct 2024 13:03

Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT4-2024

Tgt Ion: 76 Resp: 14314
Ion Ratio Lower Upper
76 100
78 32.8 26.2 39.2

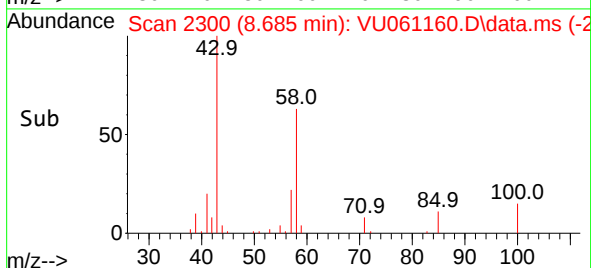
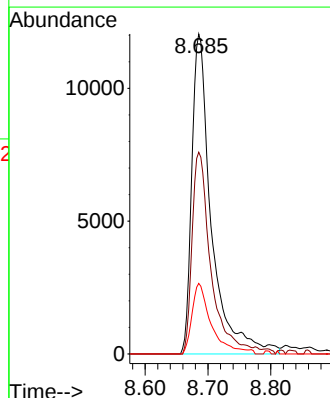
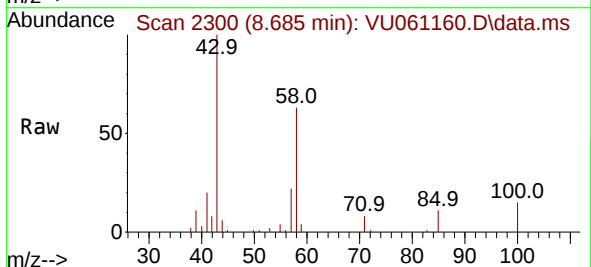
Manual Integrations
APPROVED

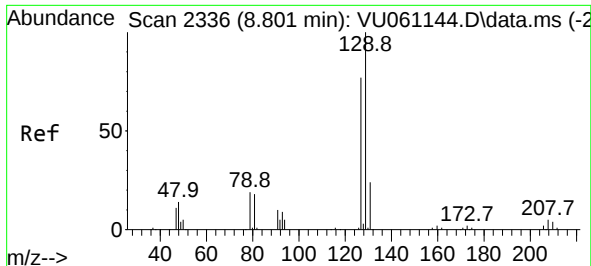
Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024



#54
2-Hexanone
Concen: 4.743 ug/l m
RT: 8.685 min Scan# 2300
Delta R.T. 0.010 min
Lab File: VU061160.D
Acq: 18 Oct 2024 13:03

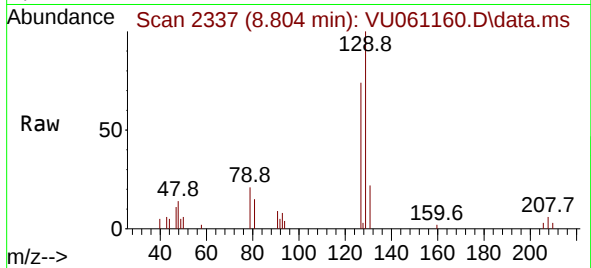
Tgt Ion: 43 Resp: 26139
Ion Ratio Lower Upper
43 100
58 60.7 41.8 81.8
57 21.8 1.4 41.4





#55
Dibromochloromethane
Concen: 0.861 ug/l
RT: 8.804 min Scan# 216
Delta R.T. 0.003 min
Lab File: VU061160.D
Acq: 18 Oct 2024 13:03

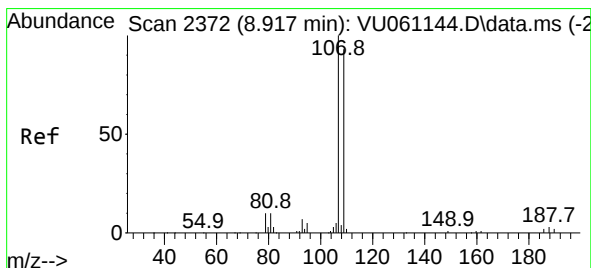
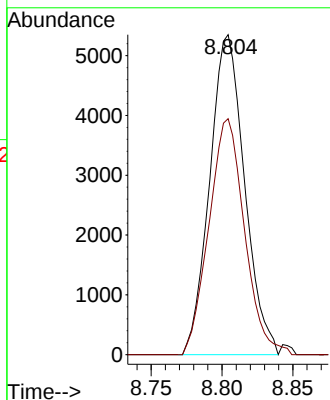
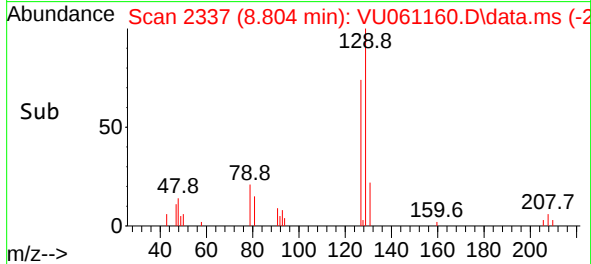
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT4-2024



Tgt Ion:129 Resp: 916
Ion Ratio Lower Upper
129 100
127 75.3 61.9 92.9

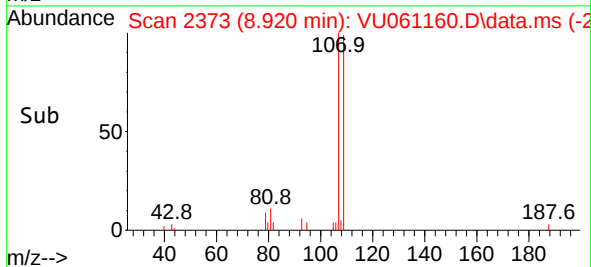
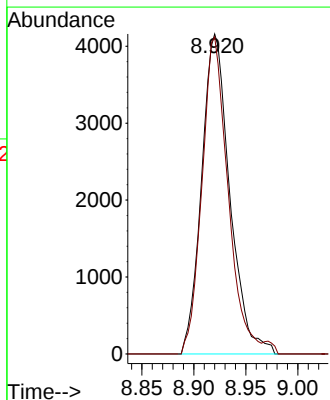
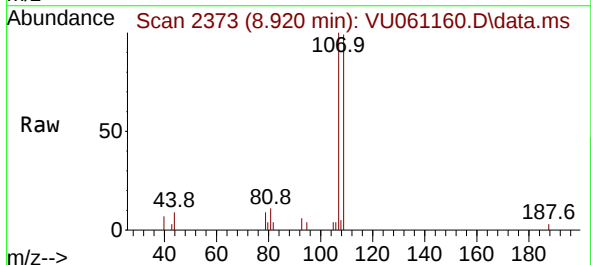
Manual Integrations
APPROVED

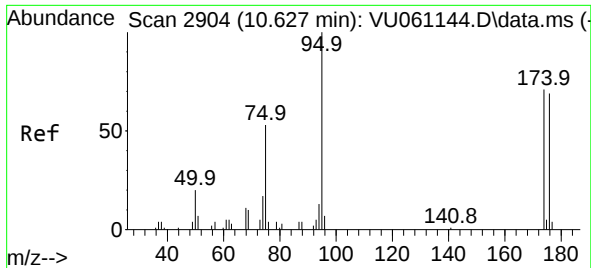
Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024



#56
1,2-Dibromoethane
Concen: 0.908 ug/l
RT: 8.920 min Scan# 2373
Delta R.T. 0.003 min
Lab File: VU061160.D
Acq: 18 Oct 2024 13:03

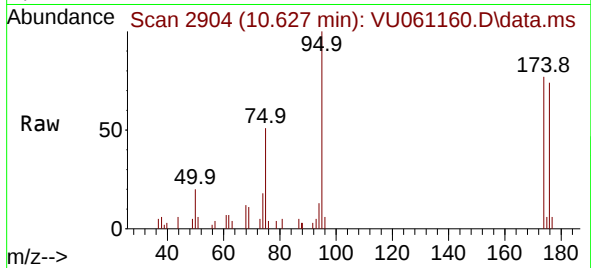
Tgt Ion:107 Resp: 7849
Ion Ratio Lower Upper
107 100
109 91.4 0.0 185.2





#57
4-Bromofluorobenzene
Concen: 0.973 ug/l
RT: 10.627 min Scan# 2904
Delta R.T. -0.000 min
Lab File: VU061160.D
Acq: 18 Oct 2024 13:03

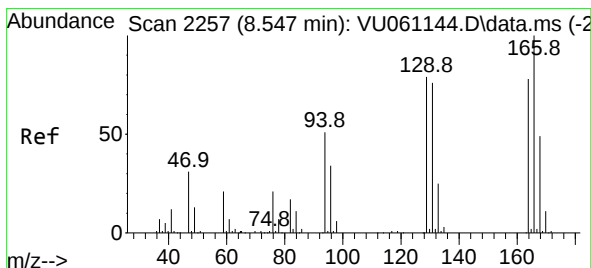
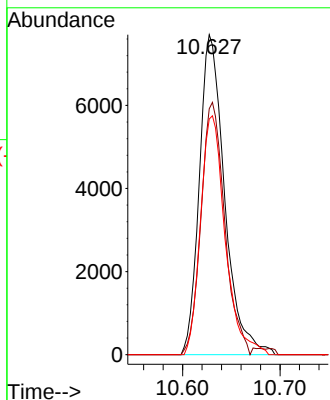
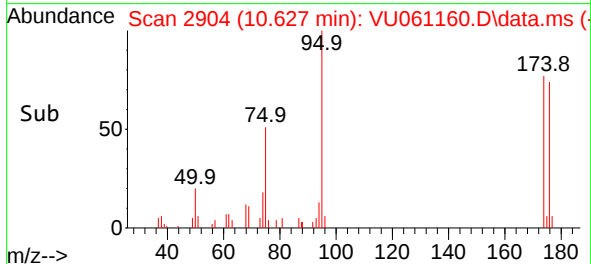
Instrument : MSVOA_U
ClientSampleId : LOQ-WATER-02-QT4-2024



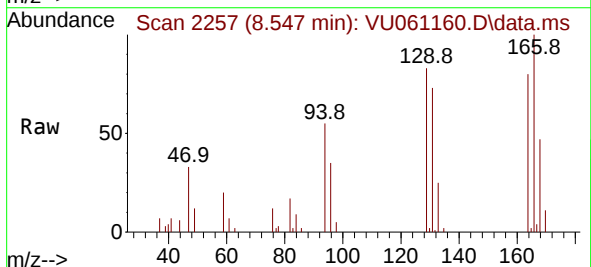
Tgt Ion: 95 Resp: 1386
Ion Ratio Lower Upper
95 100
174 73.9 55.4 83.0
176 72.9 54.4 81.6

Manual Integrations
APPROVED

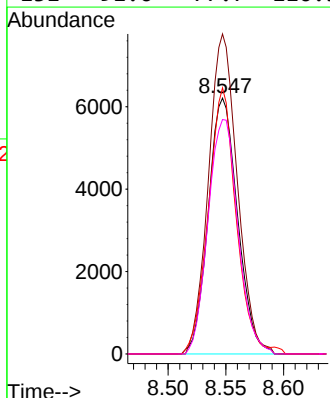
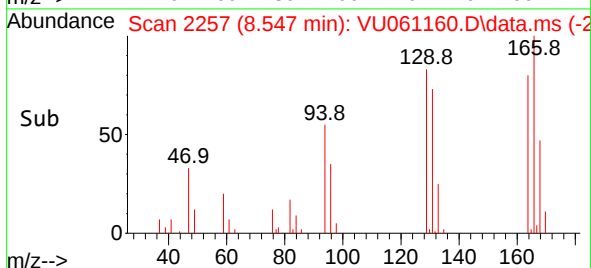
Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024

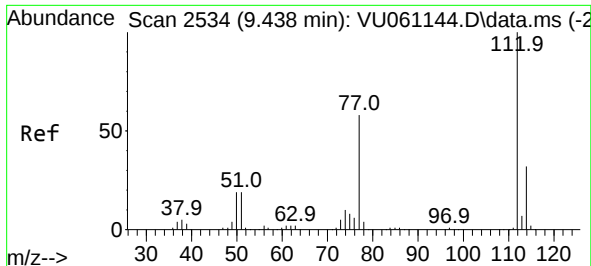


#58
Tetrachloroethene
Concen: 0.951 ug/l
RT: 8.547 min Scan# 2257
Delta R.T. -0.000 min
Lab File: VU061160.D
Acq: 18 Oct 2024 13:03



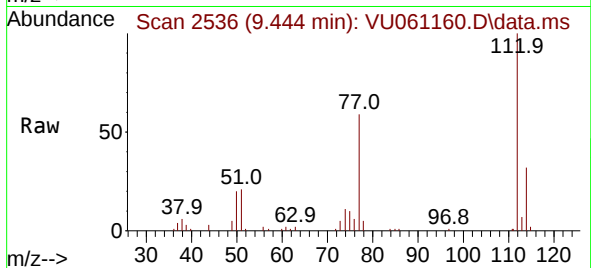
Tgt Ion:164 Resp: 10950
Ion Ratio Lower Upper
164 100
166 125.1 102.1 153.1
129 104.0 80.6 120.8
131 91.6 77.7 116.5





#59
Chlorobenzene
Concen: 0.910 ug/l
RT: 9.444 min Scan# 2536
Delta R.T. 0.006 min
Lab File: VU061160.D
Acq: 18 Oct 2024 13:03

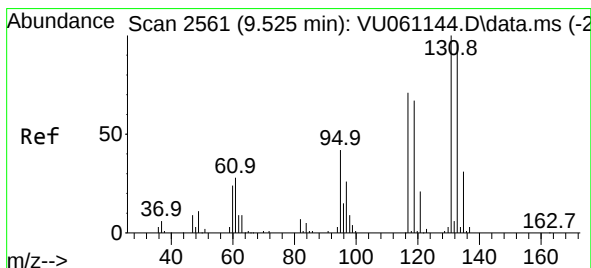
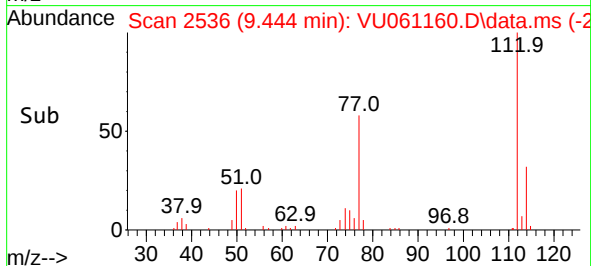
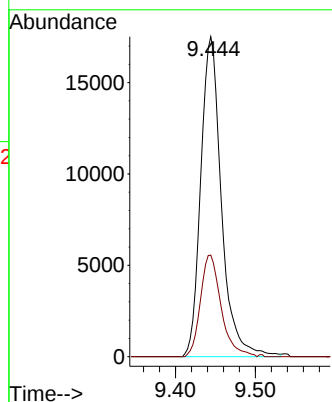
Instrument : MSVOA_U
ClientSampleId : LOQ-WATER-02-QT4-2024



Tgt Ion:112 Resp: 31510
Ion Ratio Lower Upper
112 100
114 31.8 25.4 38.2

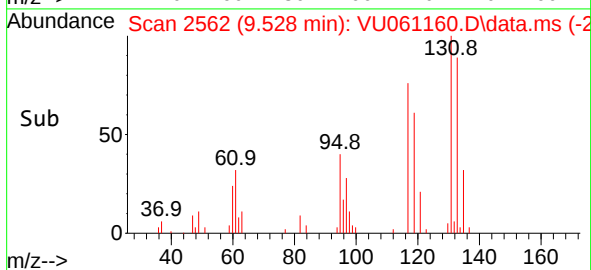
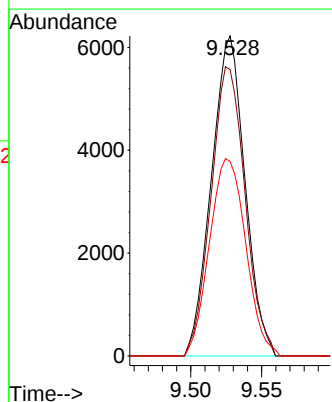
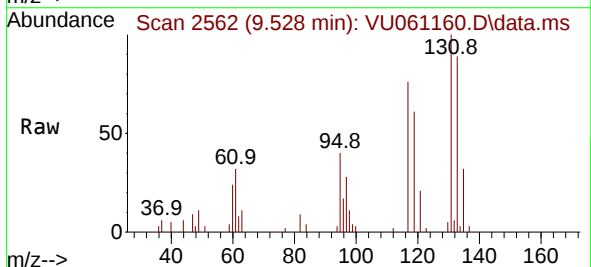
Manual Integrations
APPROVED

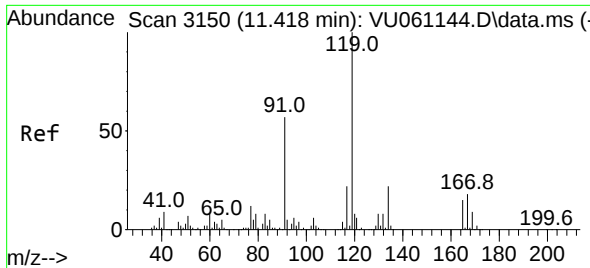
Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024



#60
1,1,1,2-Tetrachloroethane
Concen: 0.877 ug/l
RT: 9.528 min Scan# 2562
Delta R.T. 0.003 min
Lab File: VU061160.D
Acq: 18 Oct 2024 13:03

Tgt Ion:131 Resp: 10250
Ion Ratio Lower Upper
131 100
133 91.8 76.8 115.2
119 66.6 54.2 81.2





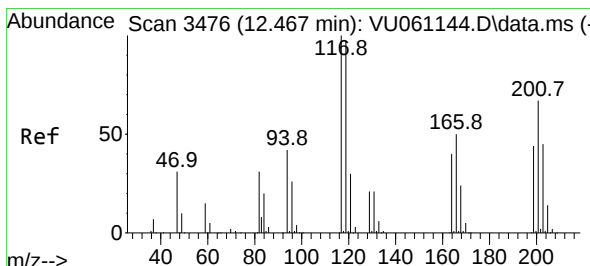
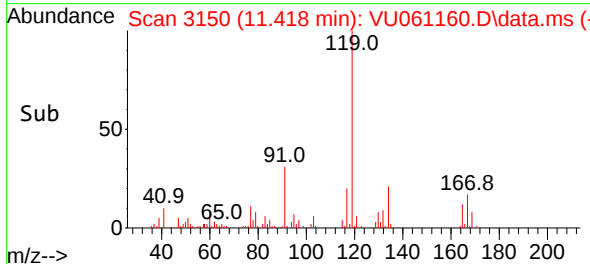
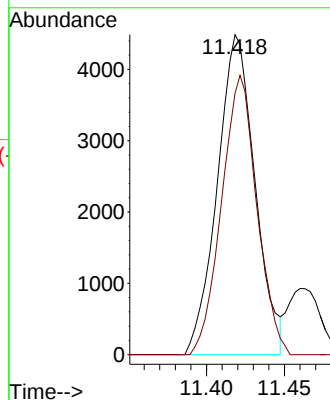
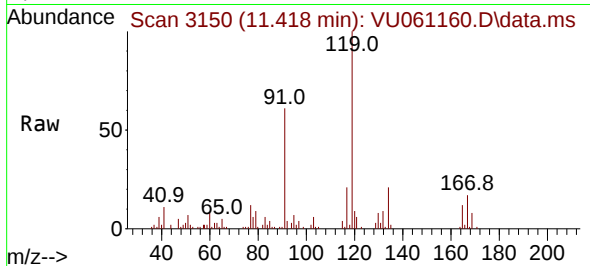
#61
Pentachloroethane
Concen: 0.844 ug/l
RT: 11.418 min Scan# 3150
Delta R.T. -0.000 min
Lab File: VU061160.D
Acq: 18 Oct 2024 13:03

Instrument : MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT4-2024

Tgt Ion:117 Resp: 7542
Ion Ratio Lower Upper
117 100
167 81.7 63.4 95.2

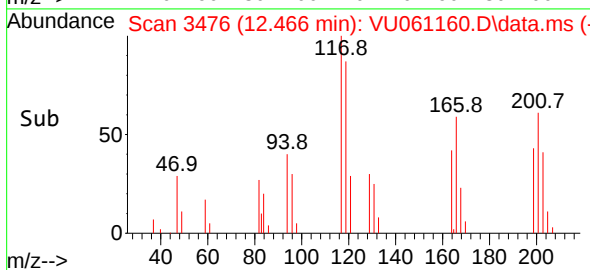
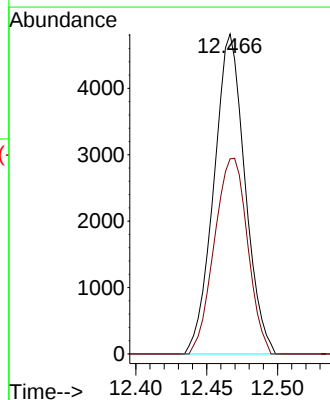
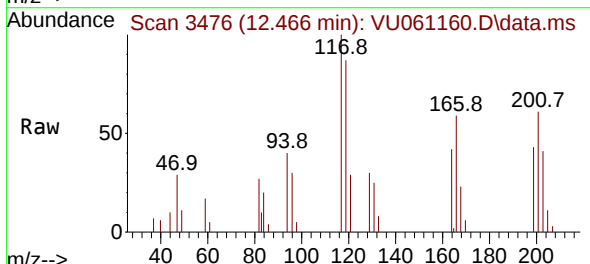
Manual Integrations
APPROVED

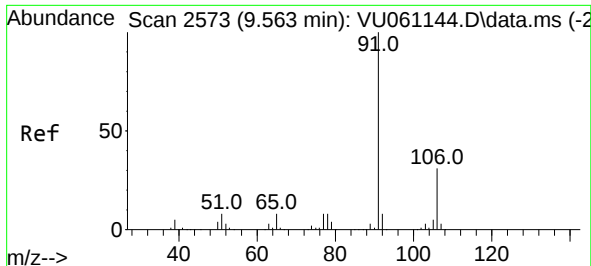
Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024



#62
Hexachloroethane
Concen: 0.799 ug/l
RT: 12.466 min Scan# 3476
Delta R.T. -0.000 min
Lab File: VU061160.D
Acq: 18 Oct 2024 13:03

Tgt Ion:117 Resp: 7357
Ion Ratio Lower Upper
117 100
201 65.3 54.3 81.5





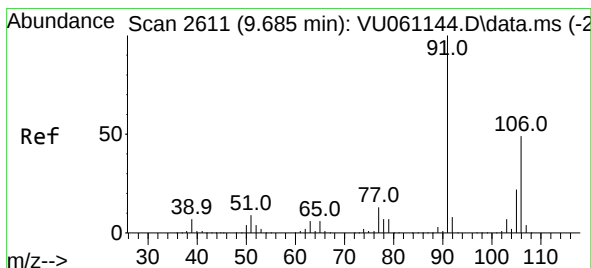
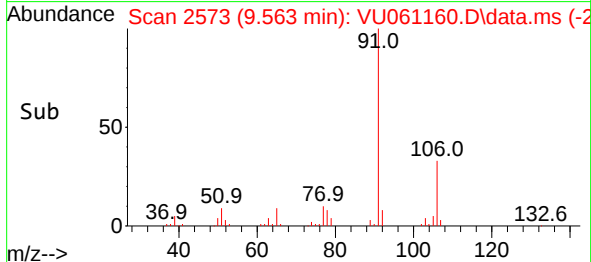
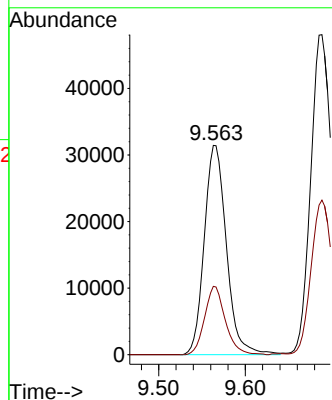
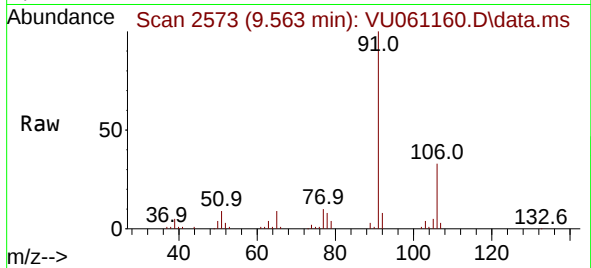
#63
Ethyl Benzene
Concen: 0.902 ug/l
RT: 9.563 min Scan# 2573
Delta R.T. -0.000 min
Lab File: VU061160.D
Acq: 18 Oct 2024 13:03

Instrument : MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT4-2024

Tgt Ion: 91 Resp: 55928
Ion Ratio Lower Upper
91 100
106 32.6 24.6 37.0

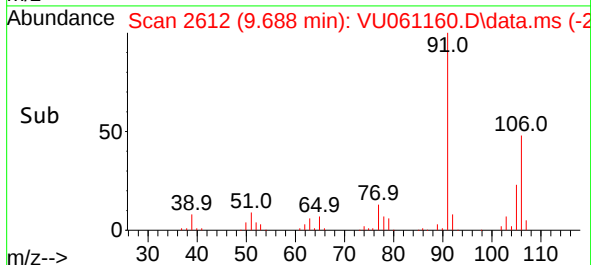
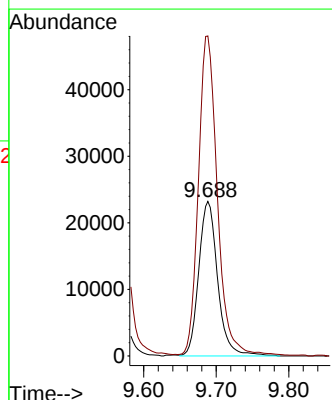
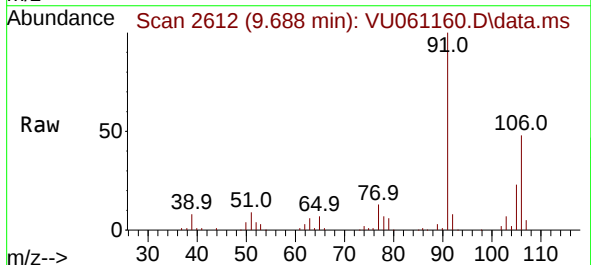
Manual Integrations
APPROVED

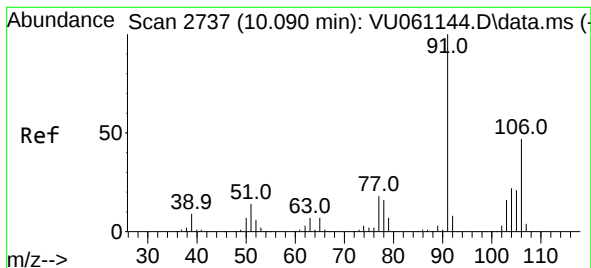
Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024



#64
m/p-Xylenes
Concen: 1.783 ug/l
RT: 9.688 min Scan# 2612
Delta R.T. 0.003 min
Lab File: VU061160.D
Acq: 18 Oct 2024 13:03

Tgt Ion:106 Resp: 42088
Ion Ratio Lower Upper
106 100
91 206.9 163.3 244.9





#65

o-Xylene

Concen: 0.881 ug/l

RT: 10.094 min Scan# 2737

Delta R.T. 0.003 min

Lab File: VU061160.D

Acq: 18 Oct 2024 13:03

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT4-2024

Tgt Ion:106 Resp: 2048

Ion Ratio Lower Upper

106 100

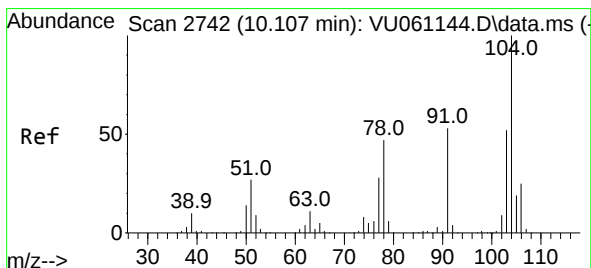
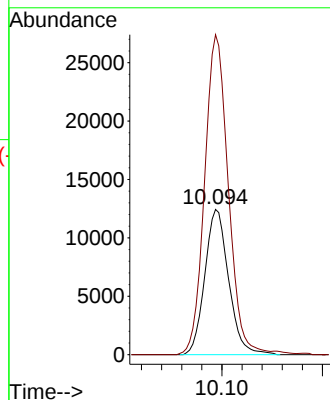
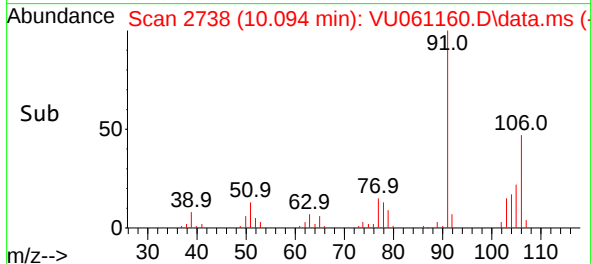
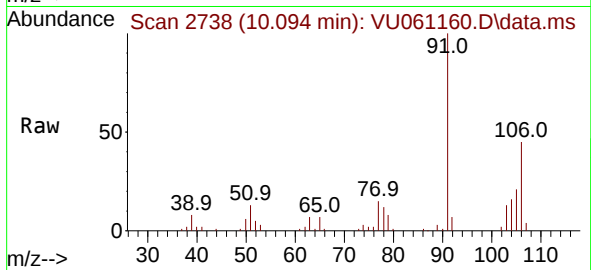
91 219.7 106.9 320.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/25/2024

Supervised By :Semsettin Yesilyurt 10/25/2024



#66

Styrene

Concen: 0.876 ug/l

RT: 10.110 min Scan# 2743

Delta R.T. 0.003 min

Lab File: VU061160.D

Acq: 18 Oct 2024 13:03

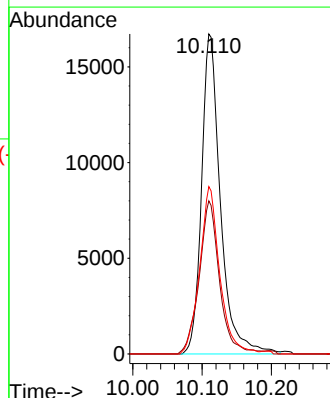
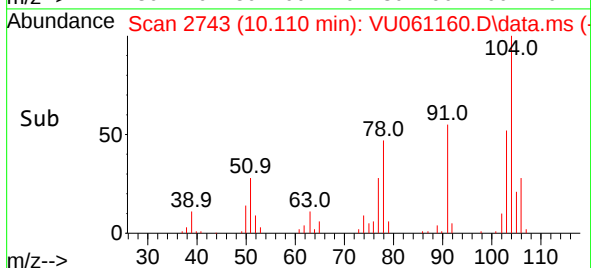
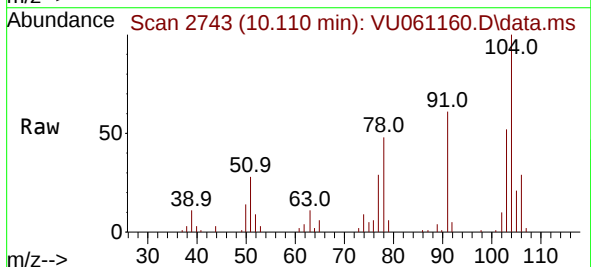
Tgt Ion:104 Resp: 31668

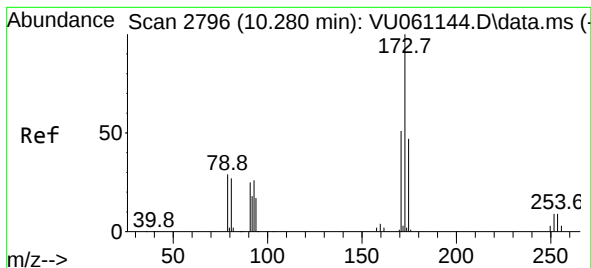
Ion Ratio Lower Upper

104 100

78 51.6 41.6 62.4

103 55.6 45.0 67.6





#67

Bromoform

Concen: 0.798 ug/l

RT: 10.286 min Scan# 21

Delta R.T. 0.006 min

Lab File: VU061160.D

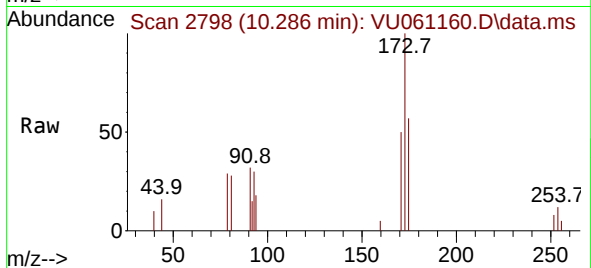
Acq: 18 Oct 2024 13:03

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT4-2024



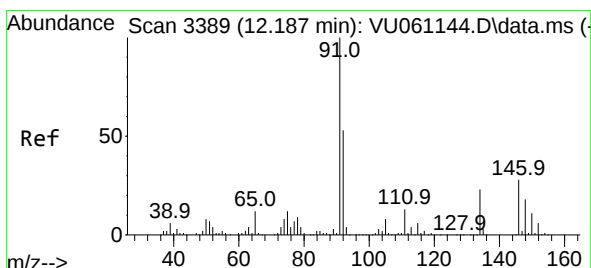
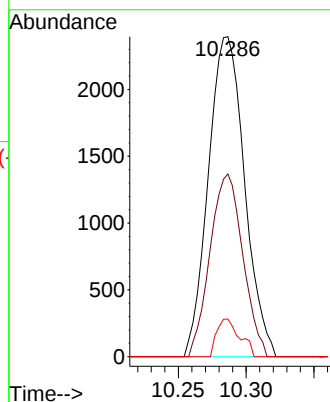
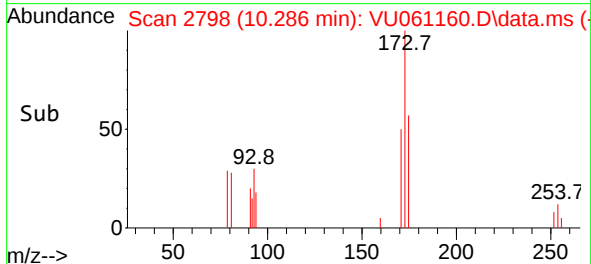
Tgt Ion:	173	Resp:	444
Ion	Ratio	Lower	Upper
173	100		
175	51.7	37.8	56.8
254	7.4	7.0	10.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/25/2024

Supervised By :Semsettin Yesilyurt 10/25/2024



#68

1,2-Dichlorobenzene-d4

Concen: 0.987 ug/l

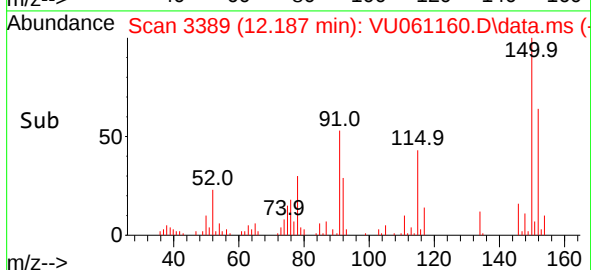
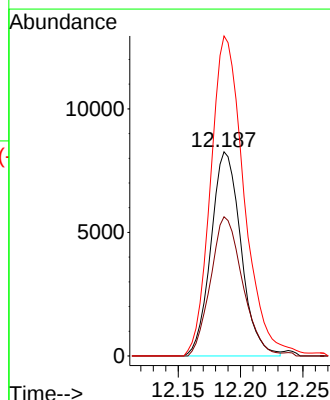
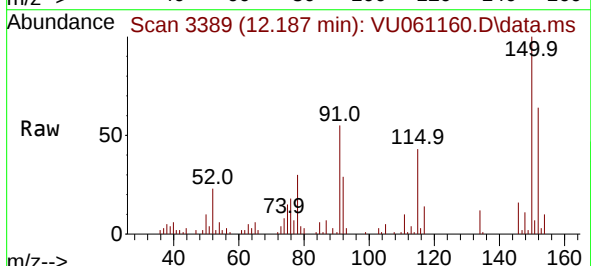
RT: 12.187 min Scan# 3389

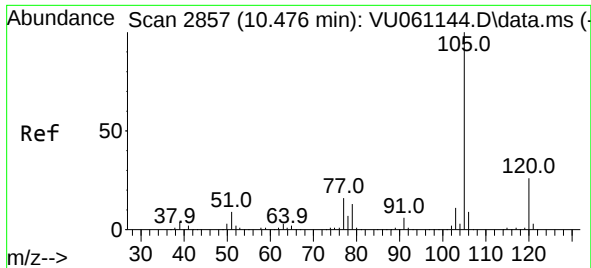
Delta R.T. -0.000 min

Lab File: VU061160.D

Acq: 18 Oct 2024 13:03

Tgt Ion:	152	Resp:	13858
Ion	Ratio	Lower	Upper
152	100		
115	72.4	0.0	275.0
150	174.9	0.0	668.8





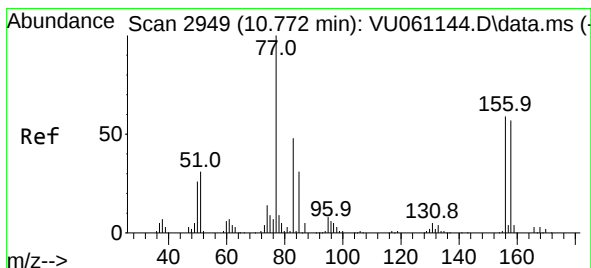
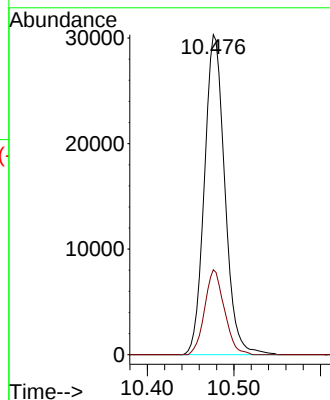
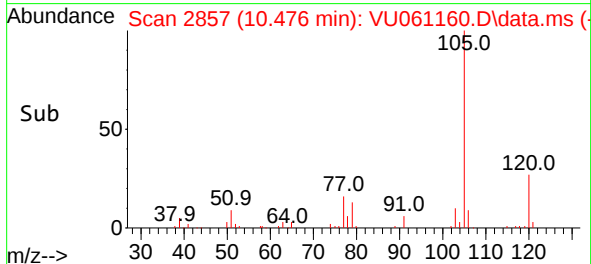
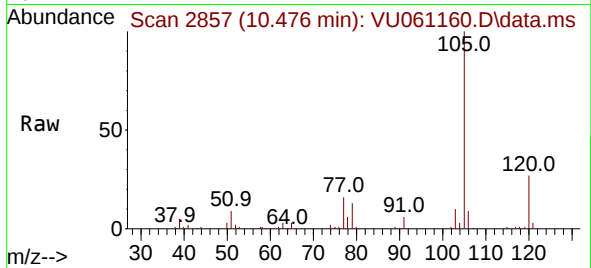
#69
Isopropylbenzene
Concen: 0.897 ug/l
RT: 10.476 min Scan# 2857
Delta R.T. -0.000 min
Lab File: VU061160.D
Acq: 18 Oct 2024 13:03

Instrument : MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT4-2024

Tgt Ion:105 Resp: 4959
Ion Ratio Lower Upper
105 100
120 25.6 13.1 39.1

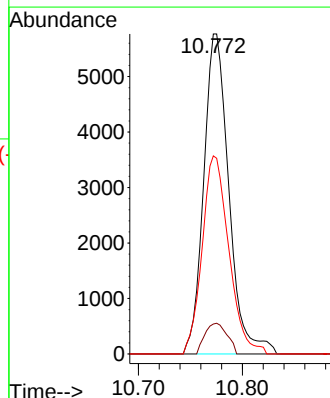
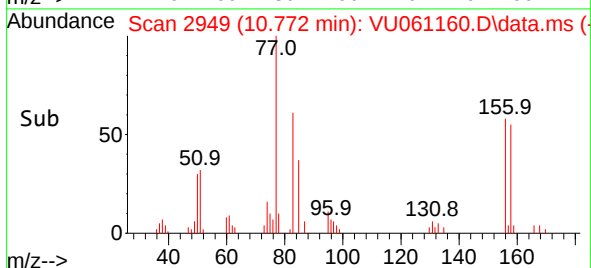
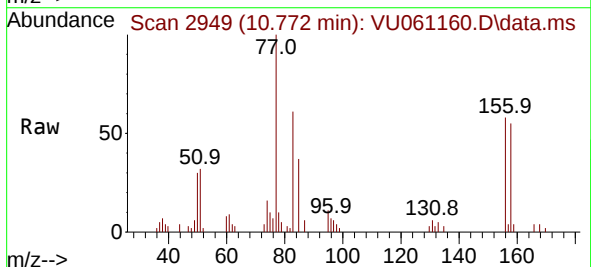
Manual Integrations
APPROVED

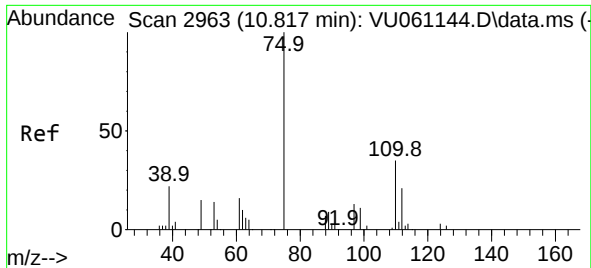
Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024



#70
1,1,2,2-Tetrachloroethane
Concen: 0.887 ug/l
RT: 10.772 min Scan# 2949
Delta R.T. -0.000 min
Lab File: VU061160.D
Acq: 18 Oct 2024 13:03

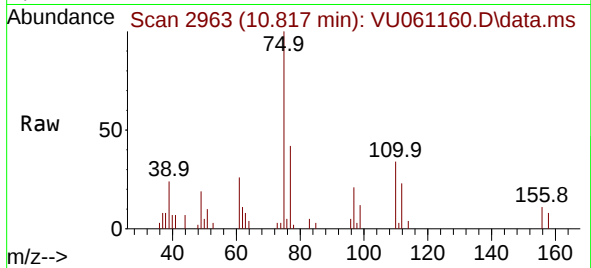
Tgt Ion: 83 Resp: 9706
Ion Ratio Lower Upper
83 100
131 8.4 7.8 11.8
85 65.6 50.8 76.2





#71
1,2,3-Trichloropropane
Concen: 0.882 ug/l m
RT: 10.817 min Scan# 2963
Delta R.T. -0.000 min
Lab File: VU061160.D
Acq: 18 Oct 2024 13:03

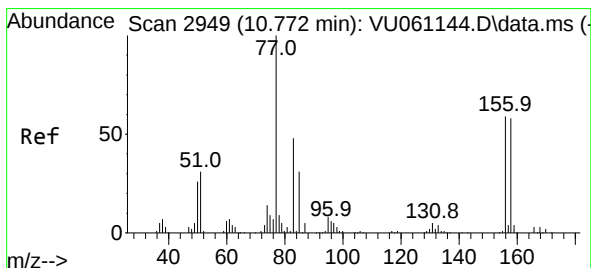
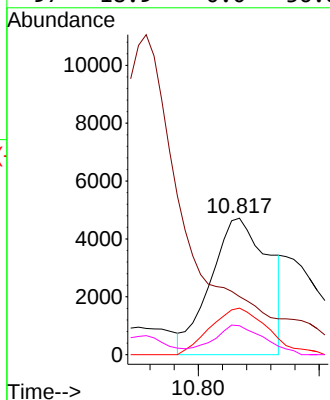
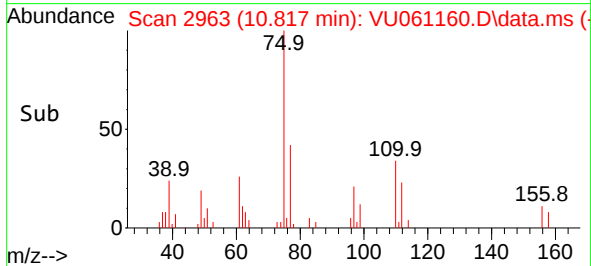
Instrument : MSVOA_U
ClientSampleId : LOQ-WATER-02-QT4-2024



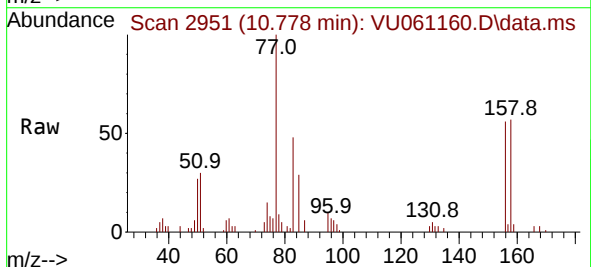
Tgt Ion: 75 Resp: 7859
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0
110 34.1 0.0 68.6
97 18.9 0.0 36.8

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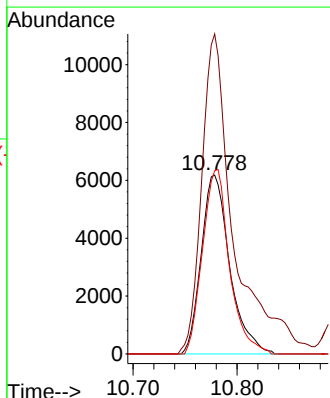
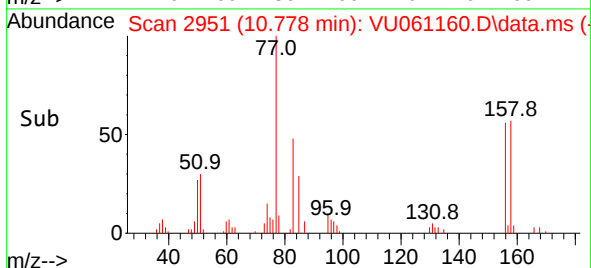
Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024

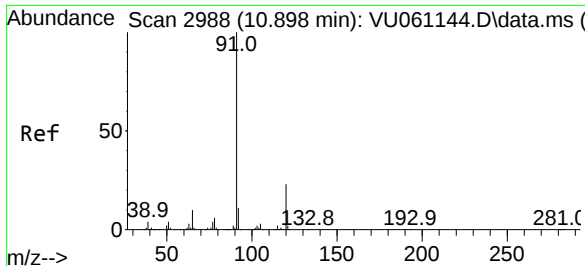


#72
Bromobenzene
Concen: 0.886 ug/l
RT: 10.778 min Scan# 2951
Delta R.T. 0.006 min
Lab File: VU061160.D
Acq: 18 Oct 2024 13:03



Tgt Ion:156 Resp: 11790
Ion Ratio Lower Upper
156 100
77 201.7 0.0 337.2
158 97.2 0.0 192.8





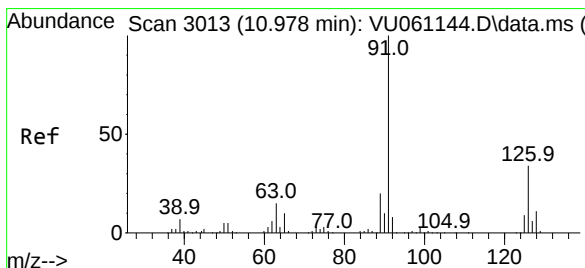
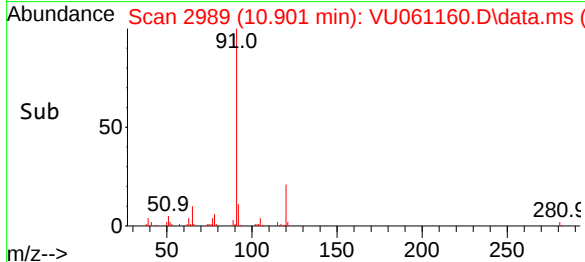
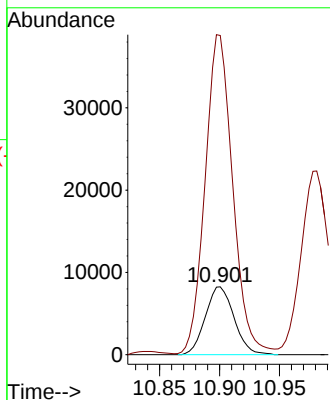
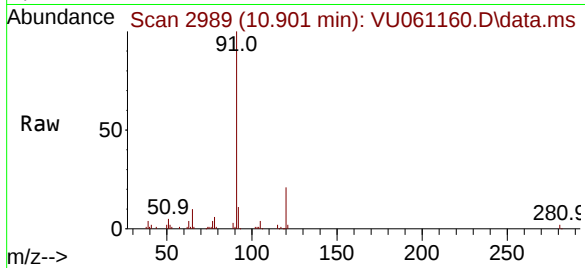
#73
n-propylbenzene
Concen: 0.849 ug/l
RT: 10.901 min Scan# 2989
Delta R.T. 0.003 min
Lab File: VU061160.D
Acq: 18 Oct 2024 13:03

Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT4-2024

Tgt Ion:120 Resp: 13709
Ion Ratio Lower Upper
120 100
91 451.9 353.6 530.4

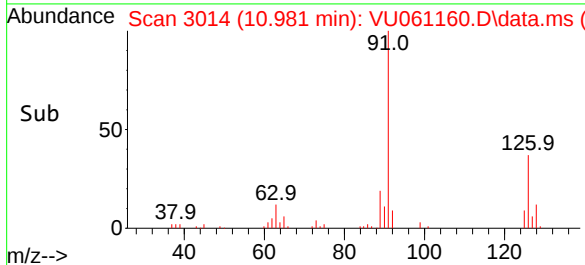
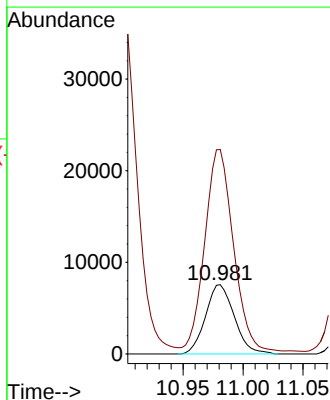
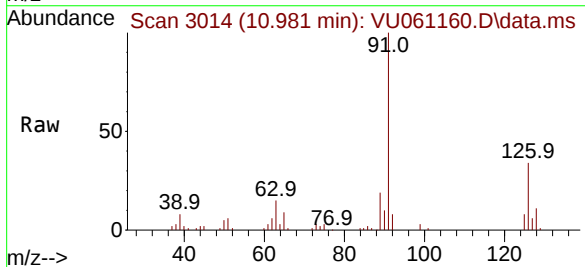
Manual Integrations
APPROVED

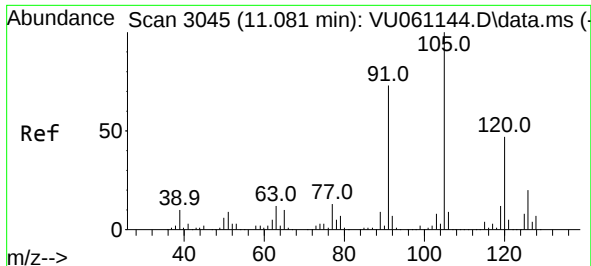
Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024



#74
2-Chlorotoluene
Concen: 0.901 ug/l
RT: 10.981 min Scan# 3014
Delta R.T. 0.003 min
Lab File: VU061160.D
Acq: 18 Oct 2024 13:03

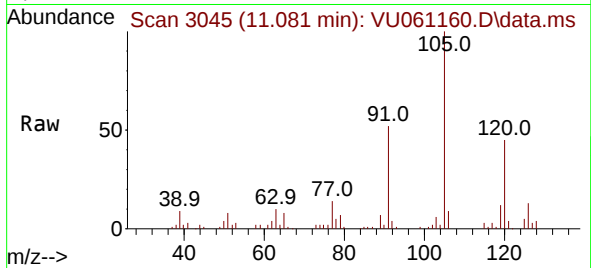
Tgt Ion:126 Resp: 12584
Ion Ratio Lower Upper
126 100
91 296.0 0.0 595.2





#75
1,3,5-Trimethylbenzene
Concen: 0.890 ug/l
RT: 11.081 min Scan# 3045
Delta R.T. -0.000 min
Lab File: VU061160.D
Acq: 18 Oct 2024 13:03

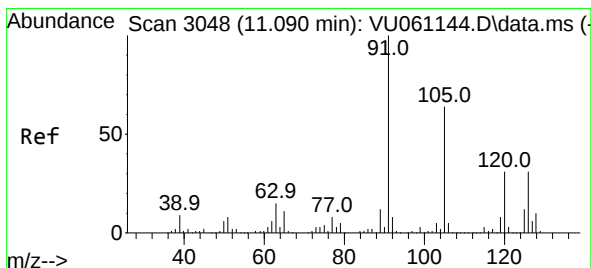
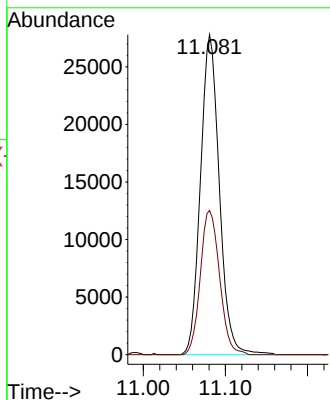
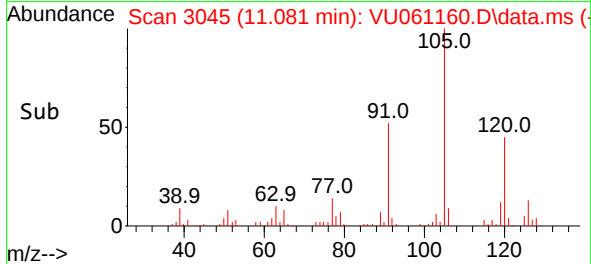
Instrument : MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT4-2024



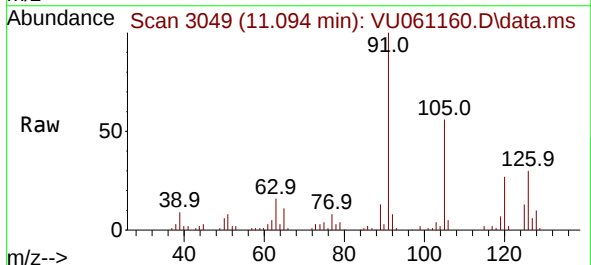
Tgt Ion:105 Resp: 44380
Ion Ratio Lower Upper
105 100
120 45.9 38.0 57.0

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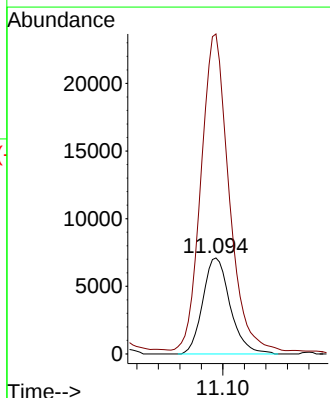
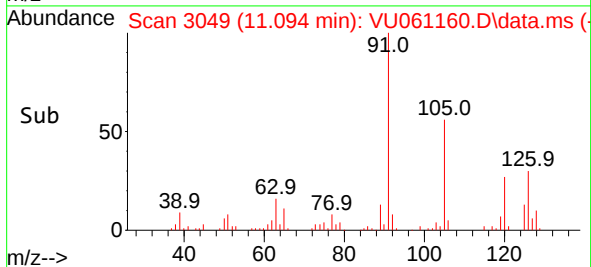
Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024

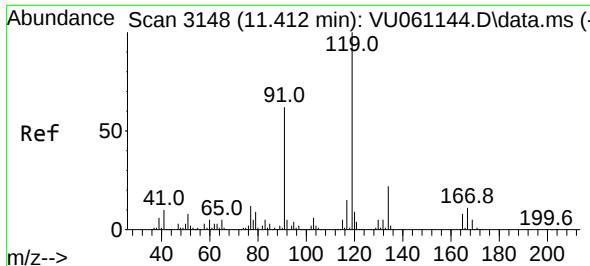


#76
4-Chlorotoluene
Concen: 0.883 ug/l
RT: 11.094 min Scan# 3049
Delta R.T. 0.003 min
Lab File: VU061160.D
Acq: 18 Oct 2024 13:03



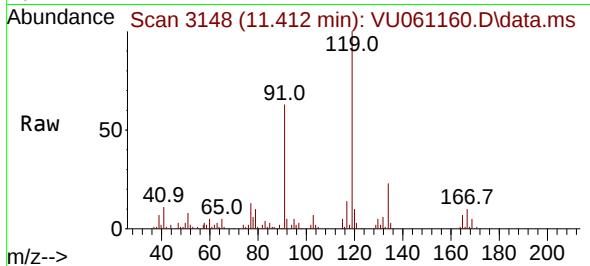
Tgt Ion:126 Resp: 12536
Ion Ratio Lower Upper
126 100
91 336.2 0.0 678.2





#77
tert-Butylbenzene
Concen: 0.864 ug/l
RT: 11.412 min Scan# 3148
Delta R.T. -0.000 min
Lab File: VU061160.D
Acq: 18 Oct 2024 13:03

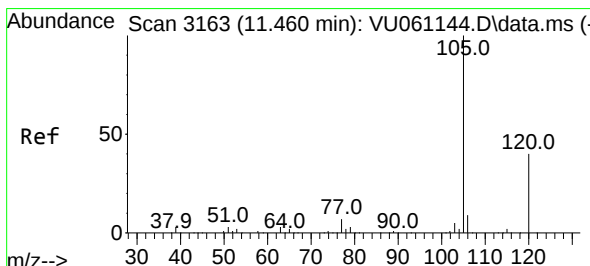
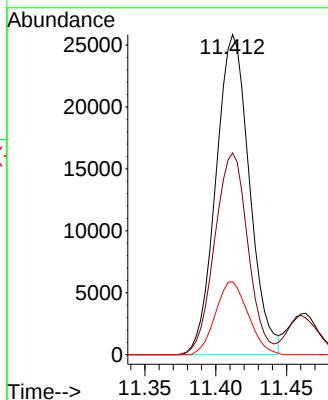
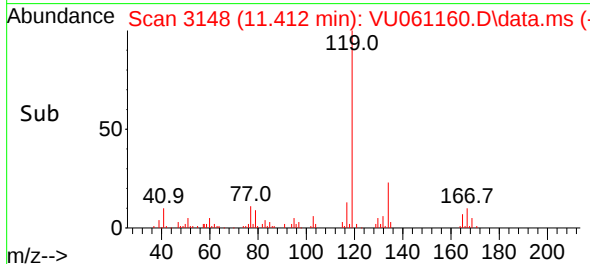
Instrument : MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT4-2024



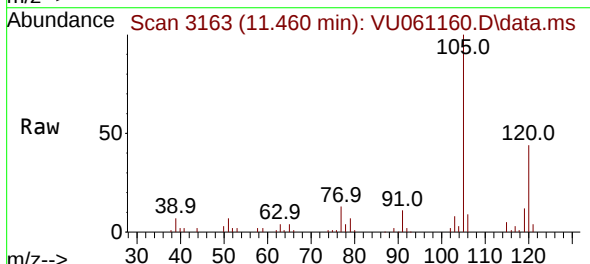
Tgt Ion:119 Resp: 42619
Ion Ratio Lower Upper
119 100
91 62.4 30.1 90.5
134 22.2 17.5 26.3

Manual Integrations
APPROVED

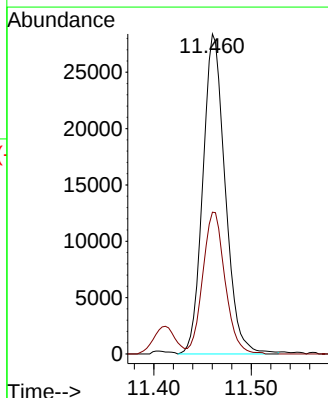
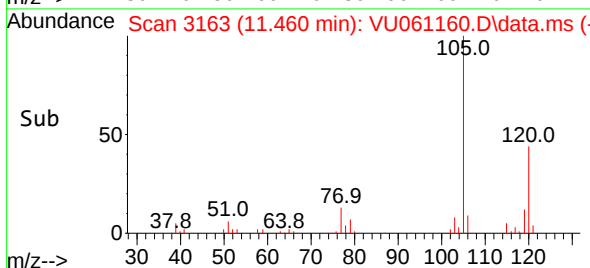
Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024

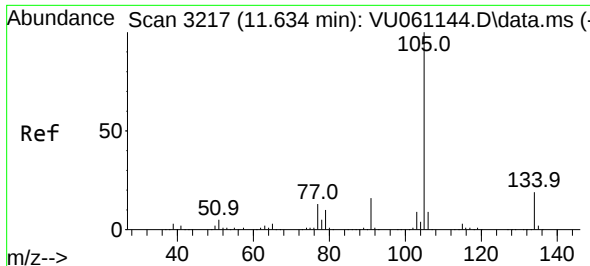


#78
1,2,4-Trimethylbenzene
Concen: 0.899 ug/l
RT: 11.460 min Scan# 3163
Delta R.T. -0.000 min
Lab File: VU061160.D
Acq: 18 Oct 2024 13:03



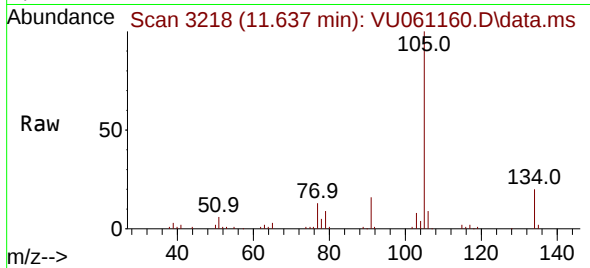
Tgt Ion:105 Resp: 45263
Ion Ratio Lower Upper
105 100
120 44.1 22.3 66.9





#79
 sec-Butylbenzene
 Concen: 0.904 ug/l
 RT: 11.637 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: VU061160.D
 Acq: 18 Oct 2024 13:03

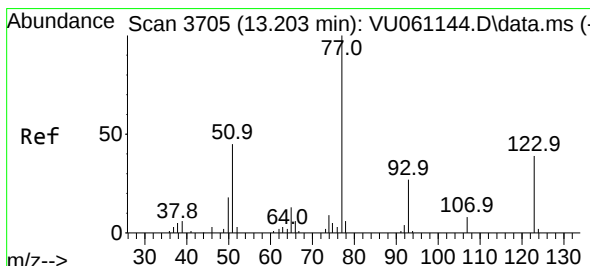
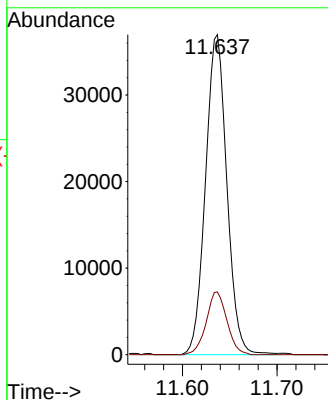
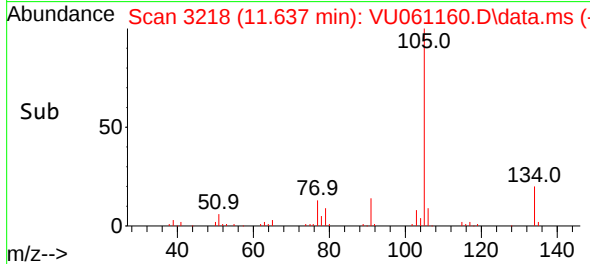
Instrument :
 MSVOA_U
 ClientSampleId :
 LOQ-WATER-02-QT4-2024



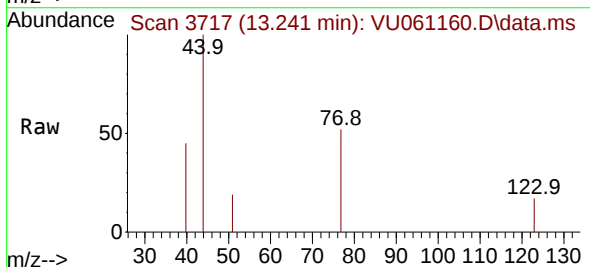
Tgt Ion:105 Resp: 5801
 Ion Ratio Lower Upper
 105 100
 134 19.0 15.5 23.3

Manual Integrations
 APPROVED

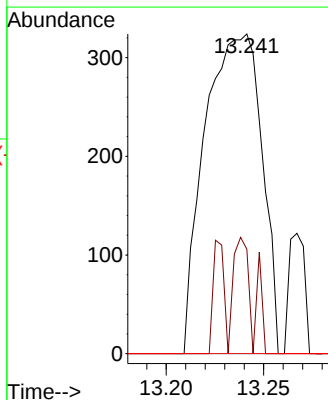
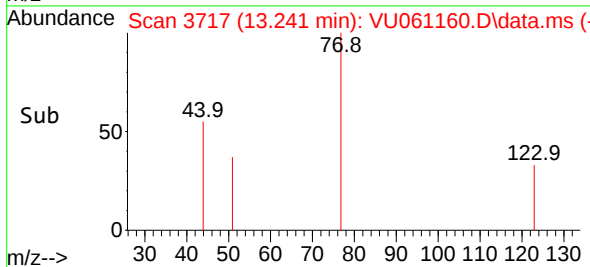
Reviewed By :Mahesh Dadoda 10/25/2024
 Supervised By :Semsettin Yesilyurt 10/25/2024

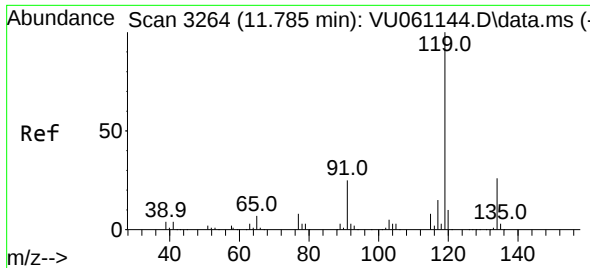


#80
 Nitrobenzene
 Concen: 2.746 ug/l
 RT: 13.241 min Scan# 3717
 Delta R.T. 0.038 min
 Lab File: VU061160.D
 Acq: 18 Oct 2024 13:03



Tgt Ion: 77 Resp: 658
 Ion Ratio Lower Upper
 77 100
 123 12.6 15.6 55.2#
 65 0.0 10.7 13.7#





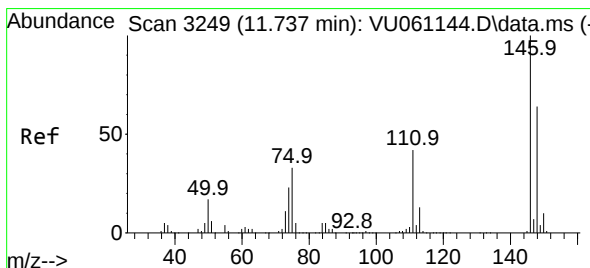
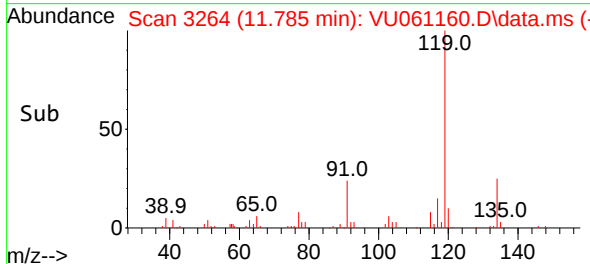
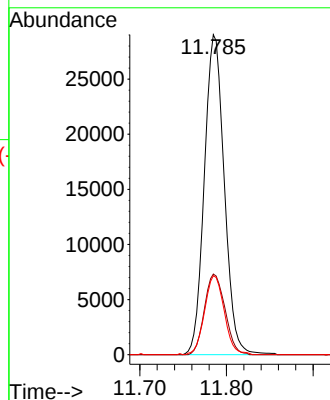
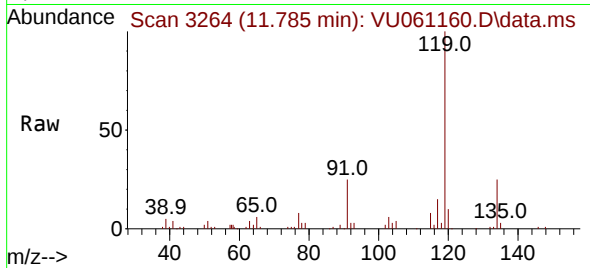
#81
p-Isopropyltoluene
Concen: 0.874 ug/l
RT: 11.785 min Scan# 3125
Delta R.T. -0.000 min
Lab File: VU061160.D
Acq: 18 Oct 2024 13:03

Instrument : MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT4-2024

Tgt Ion:119 Resp: 46452
Ion Ratio Lower Upper
119 100
134 25.9 21.0 31.6
91 24.3 19.8 29.8

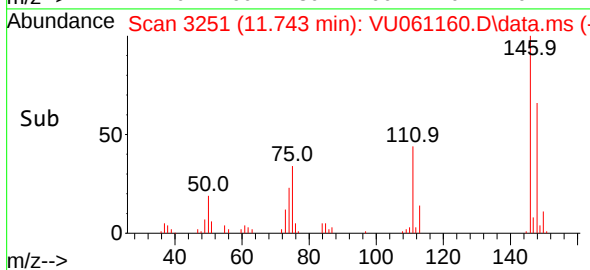
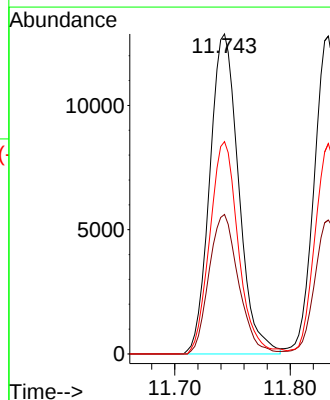
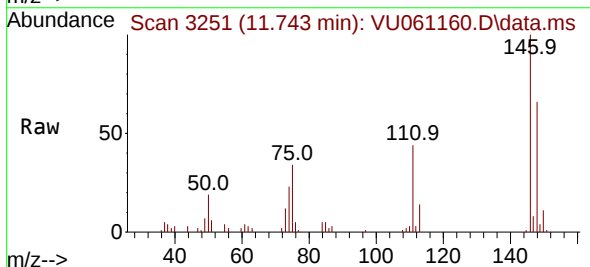
Manual Integrations
APPROVED

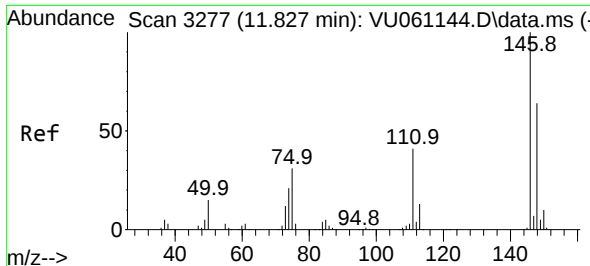
Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024



#82
1,3-Dichlorobenzene
Concen: 0.877 ug/l
RT: 11.743 min Scan# 3251
Delta R.T. 0.006 min
Lab File: VU061160.D
Acq: 18 Oct 2024 13:03

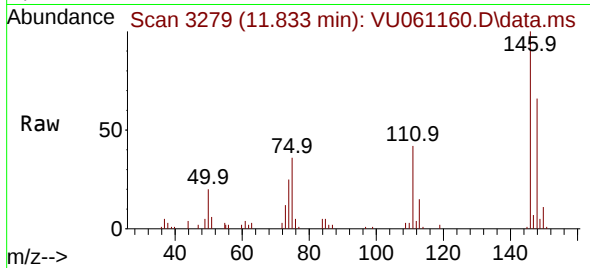
Tgt Ion:146 Resp: 22390
Ion Ratio Lower Upper
146 100
111 44.5 34.1 51.1
148 65.7 51.2 76.8





#83
1,4-Dichlorobenzene
Concen: 0.858 ug/l
RT: 11.833 min Scan# 3279
Delta R.T. 0.006 min
Lab File: VU061160.D
Acq: 18 Oct 2024 13:03

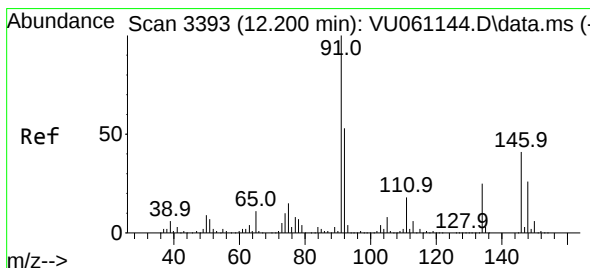
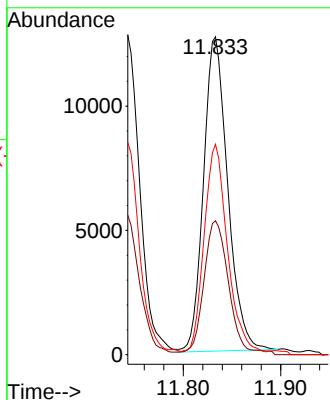
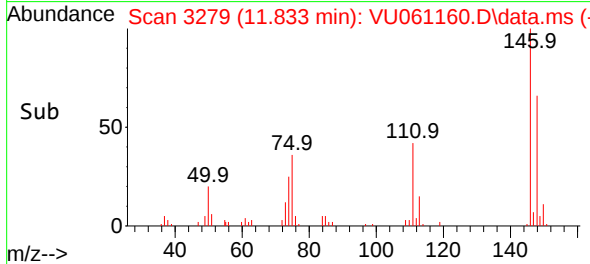
Instrument : MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT4-2024



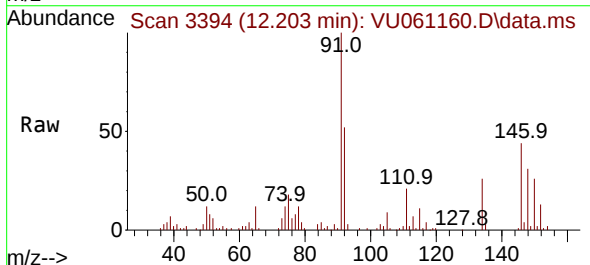
Tgt Ion:146 Resp: 21830
Ion Ratio Lower Upper
146 100
111 43.8 32.1 48.1
148 63.3 50.3 75.5

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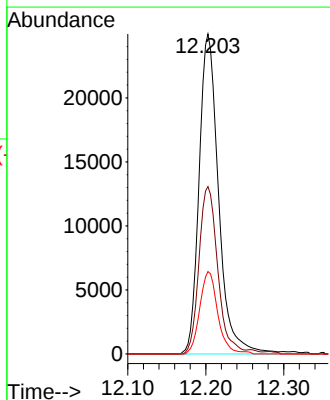
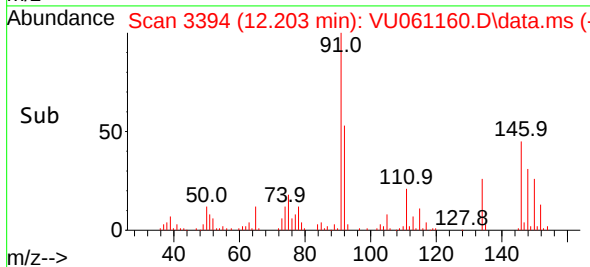
Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024

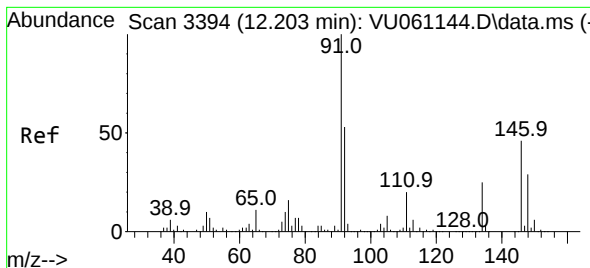


#84
n-Butylbenzene
Concen: 0.880 ug/l
RT: 12.203 min Scan# 3394
Delta R.T. 0.003 min
Lab File: VU061160.D
Acq: 18 Oct 2024 13:03



Tgt Ion: 91 Resp: 43383
Ion Ratio Lower Upper
91 100
92 50.3 41.8 62.8
134 23.9 19.7 29.5





#85

1,2-Dichlorobenzene

Concen: 0.880 ug/l

RT: 12.206 min Scan# 31

Delta R.T. 0.003 min

Lab File: VU061160.D

Acq: 18 Oct 2024 13:03

Instrument :

MSVOA_U

ClientSampleId :

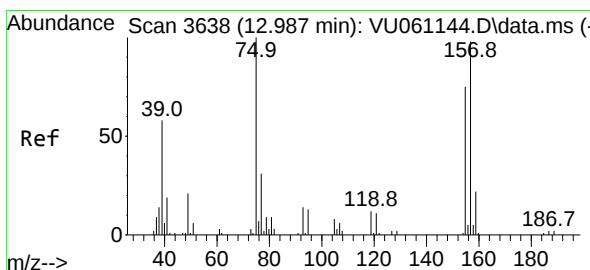
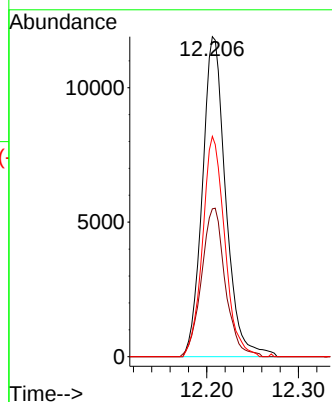
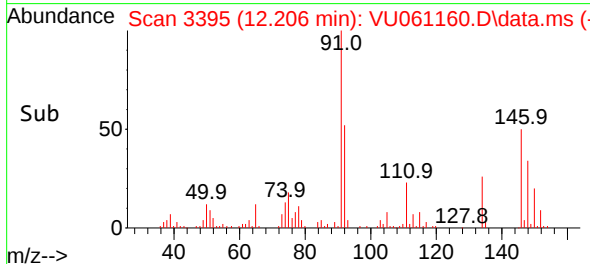
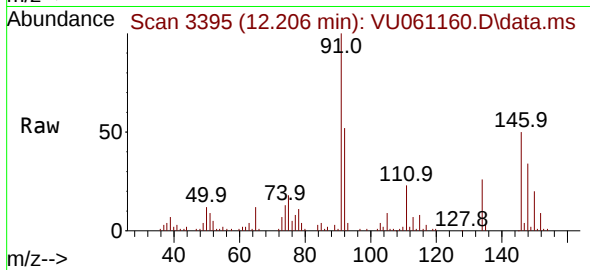
LOQ-WATER-02-QT4-2024

Tgt Ion:	146	Resp:	2099
Ion Ratio	Lower	Upper	
146	100		
111	47.3	21.9	65.7
148	65.5	31.9	95.5

Manual Integrations

APPROVED

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



#86

1,2-Dibromo-3-Chloropropane

Concen: 0.846 ug/l

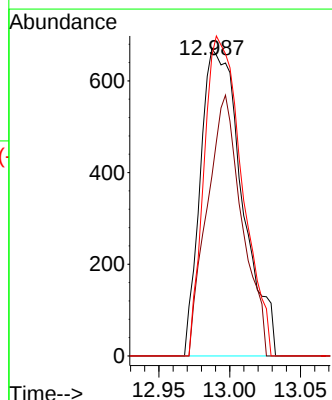
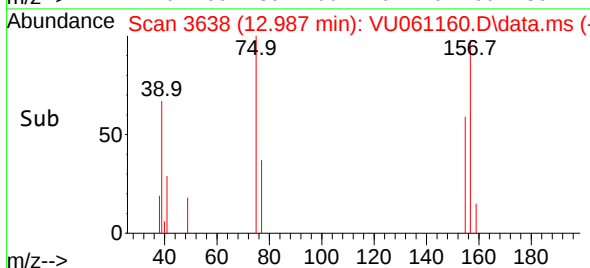
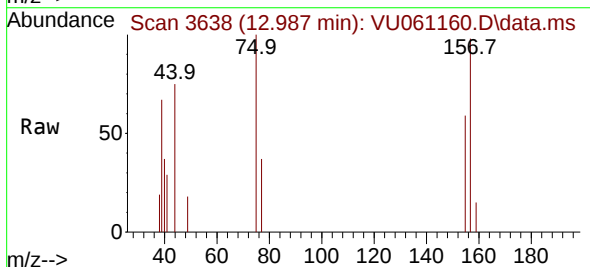
RT: 12.987 min Scan# 3638

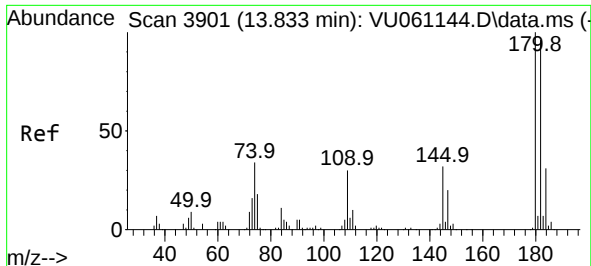
Delta R.T. -0.000 min

Lab File: VU061160.D

Acq: 18 Oct 2024 13:03

Tgt Ion:	75	Resp:	1375
Ion Ratio	Lower	Upper	
75	100		
155	70.8	61.4	92.0
157	95.1	78.5	117.7





#87

1,2,4-Trichlorobenzene

Concen: 0.895 ug/l

RT: 13.839 min Scan# 3901

Delta R.T. 0.006 min

Lab File: VU061160.D

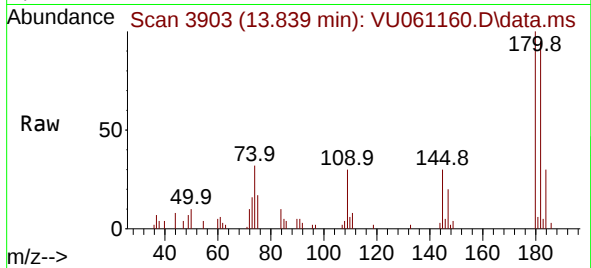
Acq: 18 Oct 2024 13:03

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT4-2024

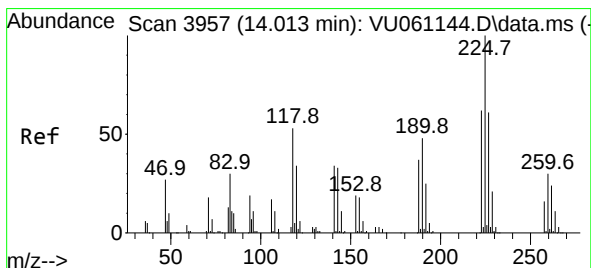
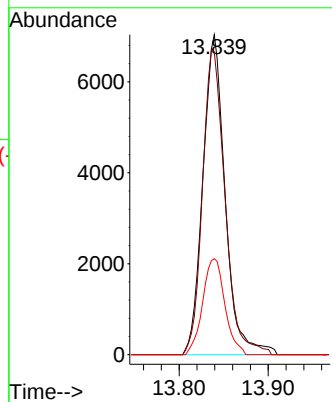
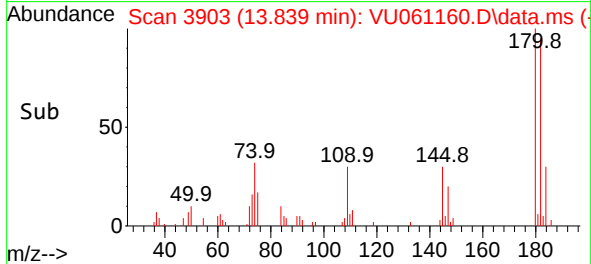


Tgt Ion:180	Resp:	12219
Ion Ratio	Lower	Upper
180	100	
182	96.1	77.0 115.6
145	29.9	25.7 38.5

Manual Integrations

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



#88

Hexachlorobutadiene

Concen: 0.925 ug/l

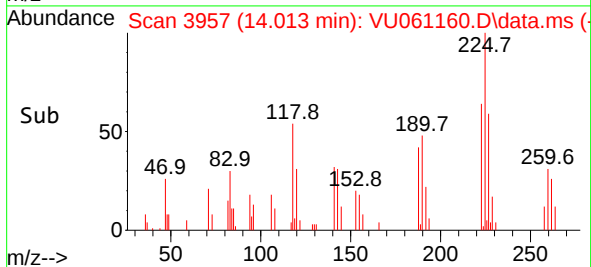
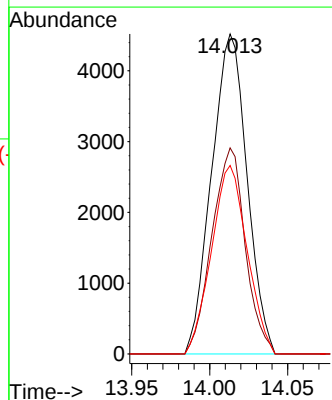
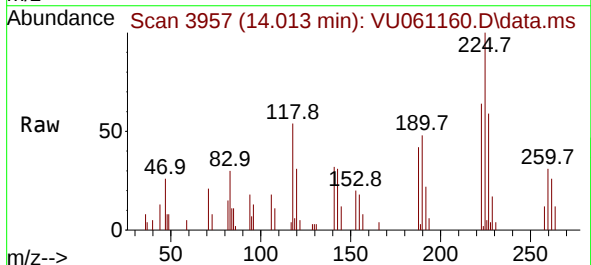
RT: 14.013 min Scan# 3957

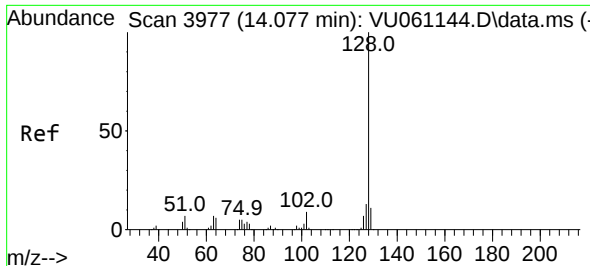
Delta R.T. -0.000 min

Lab File: VU061160.D

Acq: 18 Oct 2024 13:03

Tgt Ion:225	Resp:	7139
Ion Ratio	Lower	Upper
225	100	
223	60.7	51.4 77.2
227	59.1	50.3 75.5





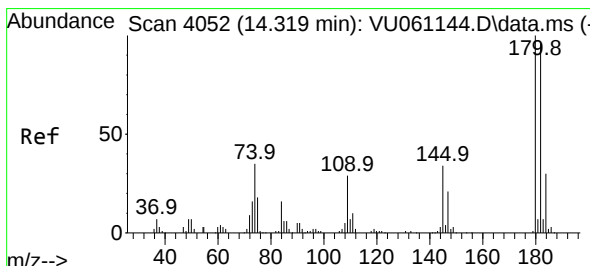
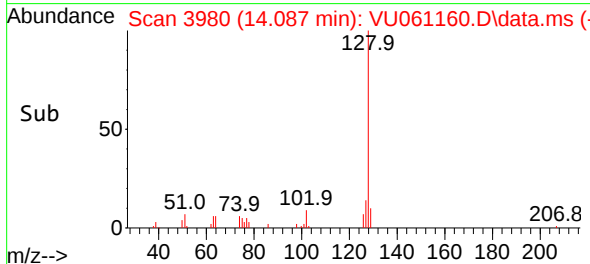
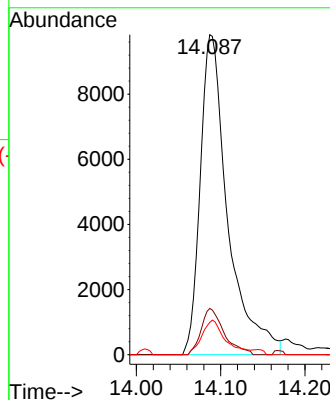
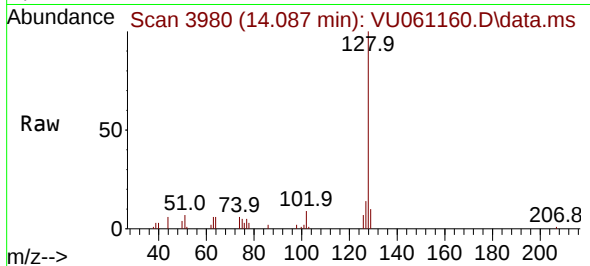
#89
Naphthalene
Concen: 0.926 ug/l
RT: 14.087 min Scan# 3977
Delta R.T. 0.010 min
Lab File: VU061160.D
Acq: 18 Oct 2024 13:03

Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT4-2024

Tgt Ion:128 Resp: 22304
Ion Ratio Lower Upper
128 100
127 12.0 10.6 16.0
129 9.2 8.7 13.1

Manual Integrations
APPROVED

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



#90
1,2,3-Trichlorobenzene
Concen: 0.893 ug/l
RT: 14.325 min Scan# 4054
Delta R.T. 0.006 min
Lab File: VU061160.D
Acq: 18 Oct 2024 13:03

Tgt Ion:180 Resp: 10951
Ion Ratio Lower Upper
180 100
182 96.9 76.2 114.4
145 35.0 26.8 40.2

