

Data Path : Z:\voasrv\HPCHEM1\MSVOA_R\Data\VR082125\
 Data File : VR026755.D
 Acq On : 21 Aug 2025 14:15
 Operator : SY/MD
 Sample : Q2893-08
 Misc : 5mL/MSVOA_R/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 LOQ-WATER-02-QT3-2025

Quant Time: Aug 22 06:56:17 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_R\methods\82R082025W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 22 06:50:13 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 08/25/2025
 Supervised By :Mahesh Dadoda 08/25/2025

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

Internal Standards						
1) Pentafluorobenzene	7.385	168	1755221	50.000	ug/l	0.00
33) 1,4-Difluorobenzene	8.392	114	2991043	50.000	ug/l	0.00
62) Chlorobenzene-d5	11.566	117	2251687	50.000	ug/l	0.00
71) 1,4-Dichlorobenzene-d4	13.764	152	647719	50.000	ug/l	0.00
System Monitoring Compounds						
32) 1,2-Dichloroethane-d4	7.770	65	1044877	47.403	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	94.800%		
34) Dibromofluoromethane	7.295	113	885164	45.374	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	90.740%		
49) Toluene-d8	10.074	98	3295789	50.395	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	100.800%		
61) 4-Bromofluorobenzene	12.695	95	801583	43.198	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	86.400%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.827	85	89335m	5.386	ug/l	
3) Chloromethane	1.820	50	10854m	5.500	ug/l	
4) Vinyl Chloride	2.128	62	143682	5.265	ug/l	99
5) Bromomethane	2.446	94	52118	6.220	ug/l	89
6) Chloroethane	2.581	64	97366	6.252	ug/l	89
7) Trichlorofluoromethane	2.873	101	294501	5.567	ug/l	100
8) Diethyl Ether	3.239	74	89939	5.314	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.547	101	115770m	5.476	ug/l	
10) Methyl Iodide	3.720	142	112785	5.020	ug/l #	81
11) Tert butyl alcohol	4.503	59	59235m	17.481	ug/l	
12) 1,1-Dichloroethene	3.528	96	119215	5.197	ug/l	90
13) Acrolein	3.412	56	97349	41.564	ug/l	99
14) Allyl chloride	4.051	41	202142	4.781	ug/l #	89
15) Acrylonitrile	4.660	53	324078	22.362	ug/l	97
16) Acetone	3.611	43	275492	23.612	ug/l	99
17) Carbon Disulfide	3.807	76	259832	4.663	ug/l	98
18) Methyl Acetate	4.076	43	145418	4.278	ug/l	100
19) Methyl tert-butyl Ether	4.724	73	342606	4.709	ug/l	97
20) Methylene Chloride	4.259	84	136335	5.478	ug/l	91
21) trans-1,2-Dichloroethene	4.696	96	119308	4.974	ug/l	98
22) Diisopropyl ether	5.613	45	441738	5.079	ug/l	92
23) Vinyl Acetate	5.546	43	1553162	26.924	ug/l #	71
24) 1,1-Dichloroethane	5.485	63	220061	5.141	ug/l	99
25) 2-Butanone	6.496	43	387787	21.406	ug/l #	85
26) 2,2-Dichloropropane	6.476	77	127615	4.352	ug/l	98
27) cis-1,2-Dichloroethene	6.480	96	130479	4.806	ug/l	97
28) Bromochloromethane	6.865	49	75715	5.977	ug/l	98
29) Chloroform	7.061	83	192134	4.996	ug/l	97
30) Cyclohexane	7.381	56	260027	5.761	ug/l #	87
31) 1,1,1-Trichloroethane	7.276	97	152560	4.886	ug/l	97
35) 1,1-Dichloropropene	7.519	75	139185	4.582	ug/l	98
36) Ethyl Acetate	6.605	43	155576	4.003	ug/l	97
37) Carbon Tetrachloride	7.497	117	115478	4.224	ug/l	92
38) Methylcyclohexane	8.941	83	177542	4.670	ug/l	91
39) Benzene	7.789	78	484905	5.199	ug/l #	87
40) Methacrylonitrile	6.839	41	79971	3.945	ug/l #	90

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) 1,2-Dichloroethane	7.882	62	121958	4.716	ug/l	99
42) Isopropyl Acetate	7.943	43	221459	4.019	ug/l	97
43) Trichloroethene	8.668	130	93986	4.619	ug/l	84
44) 1,2-Dichloropropane	8.976	63	98504	4.412	ug/l	97
45) Dibromomethane	9.072	93	58187	4.102	ug/l	93
46) Bromodichloromethane	9.297	83	109495	4.147	ug/l	97
47) Methyl methacrylate	9.089	41	99838	3.712	ug/l	99
48) 1,4-Dioxane	9.082	88	22504	65.138	ug/l	95
50) 4-Methyl-2-Pentanone	9.961	43	614983	22.576	ug/l #	72
51) Toluene	10.147	92	250920	4.712	ug/l	81
52) t-1,3-Dichloropropene	10.404	75	95487	3.819	ug/l	100
53) cis-1,3-Dichloropropene	9.791	75	122819	4.049	ug/l	95
54) 1,1,2-Trichloroethane	10.603	97	83361	4.410	ug/l	95
55) Ethyl methacrylate	10.465	69	129124	3.971	ug/l	100
56) 1,3-Dichloropropane	10.770	76	139419	4.376	ug/l	100
57) 2-Chloroethyl Vinyl ether	9.640	63	12513m	7.182	ug/l	
58) 2-Hexanone	10.828	43	372303	19.996	ug/l	82
59) Dibromochloromethane	10.988	129	69468	3.907	ug/l	99
60) 1,2-Dibromoethane	11.101	107	70297	4.115	ug/l	98
63) Tetrachloroethene	10.683	164	79652	5.035	ug/l #	87
64) Chlorobenzene	11.595	112	251380	5.017	ug/l	98
65) 1,1,1,2-Tetrachloroethane	11.681	131	67513	4.013	ug/l	93
66) Ethyl Benzene	11.688	91	439388	5.245	ug/l #	74
67) m/p-Xylenes	11.813	106	342719	9.776	ug/l #	72
68) o-Xylene	12.182	106	162287	4.569	ug/l	96
69) Styrene	12.201	104	238241	4.558	ug/l #	90
70) Bromoform	12.381	173	32161	3.545	ug/l #	96
72) Isopropylbenzene	12.525	105	389366	5.538	ug/l	93
73) N-amyl acetate	12.326	43	94451	3.721	ug/l	97
74) 1,1,2,2-Tetrachloroethane	12.808	83	91564	4.549	ug/l	100
75) 1,2,3-Trichloropropane	12.865	75	70583m	4.421	ug/l	
76) Bromobenzene	12.837	156	73485	4.775	ug/l	89
77) n-propylbenzene	12.910	91	412431	5.472	ug/l	91
78) 2-Chlorotoluene	13.007	91	219485	4.931	ug/l	99
79) 1,3,5-Trimethylbenzene	13.071	105	263223	5.013	ug/l	96
80) trans-1,4-Dichloro-2-b...	12.583	75	15782	3.016	ug/l #	75
81) 4-Chlorotoluene	13.119	91	197011	4.830	ug/l	98
82) tert-Butylbenzene	13.366	119	239307	4.875	ug/l	92
83) 1,2,4-Trimethylbenzene	13.417	105	215942	4.511	ug/l	99
84) sec-Butylbenzene	13.571	105	326149	5.166	ug/l	96
85) p-Isopropyltoluene	13.700	119	229076	4.669	ug/l	95
86) 1,3-Dichlorobenzene	13.693	146	111073	4.860	ug/l	95
87) 1,4-Dichlorobenzene	13.783	146	115116	5.228	ug/l	97
88) n-Butylbenzene	14.072	91	175605	5.010	ug/l	97
89) Hexachloroethane	14.374	117	32500	4.084	ug/l	96
90) 1,2-Dichlorobenzene	14.120	146	102476	5.339	ug/l	98
91) 1,2-Dibromo-3-Chloropr...	14.816	75	8645	4.332	ug/l	95
92) 1,2,4-Trichlorobenzene	15.583	180	63451	5.031	ug/l	98
93) Hexachlorobutadiene	15.702	225	23415	5.633	ug/l	98
94) Naphthalene	15.863	128	153019	4.244	ug/l	99
95) 1,2,3-Trichlorobenzene	16.084	180	62014	5.068	ug/l	97

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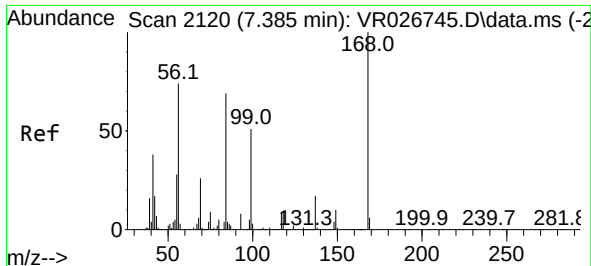
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

Manual Integrations

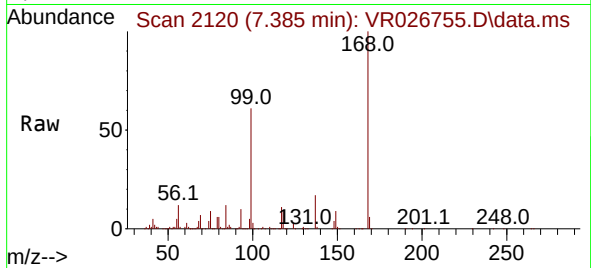
Quant Time: Aug 22 06:56:17 2025
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.385 min Scan# 2120
Delta R.T. -0.000 min
Lab File: VR026755.D
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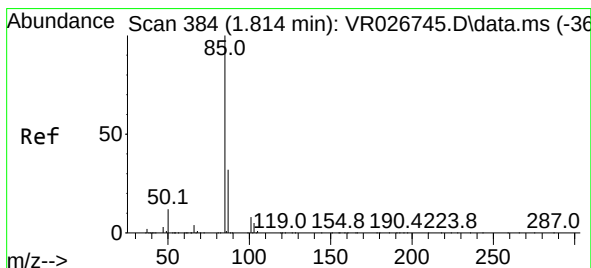
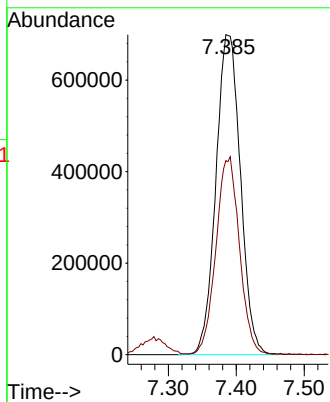
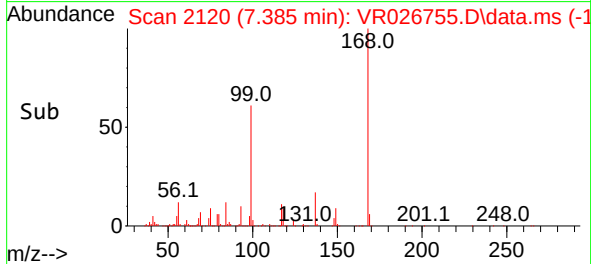
Instrument : MSVOA_R
ClientSampleId : LOQ-WATER-02-QT3-2025



Tgt Ion:168 Resp: 175522
Ion Ratio Lower Upper
168 100
99 60.5 47.1 70.7

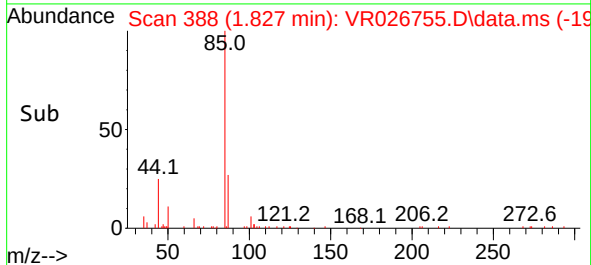
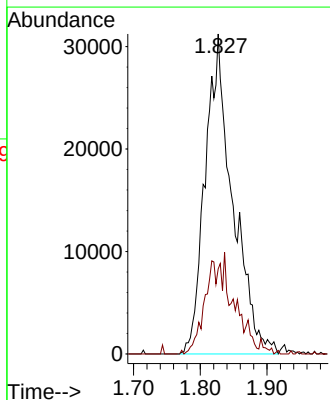
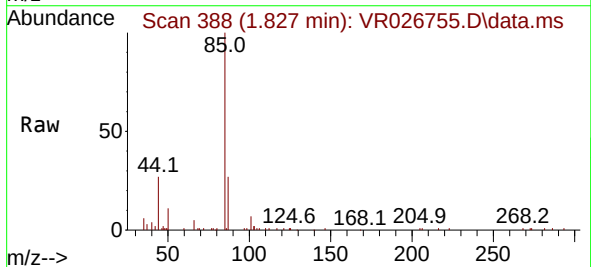
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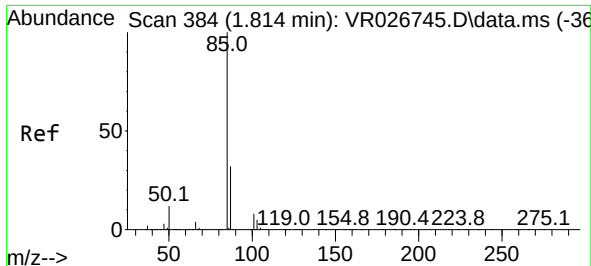
Reviewed By :Semsettin Yesilyurt 08/25/2025
Supervised By :Mahesh Dadoda 08/25/2025



#2
Dichlorodifluoromethane
Concen: 5.386 ug/l m
RT: 1.827 min Scan# 388
Delta R.T. 0.013 min
Lab File: VR026755.D
Acq: 21 Aug 2025 14:15

Tgt Ion: 85 Resp: 89335
Ion Ratio Lower Upper
85 100
87 26.6 16.1 48.2





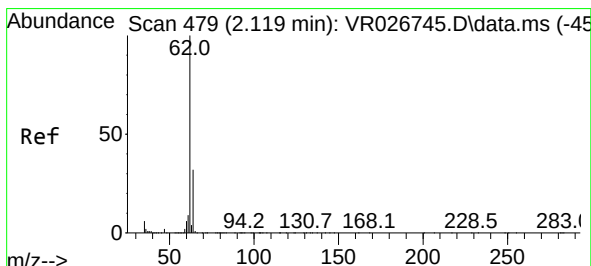
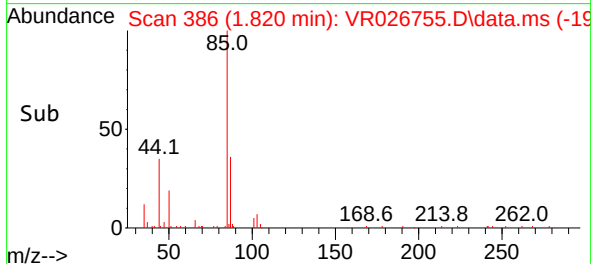
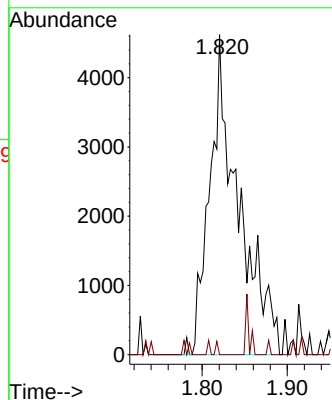
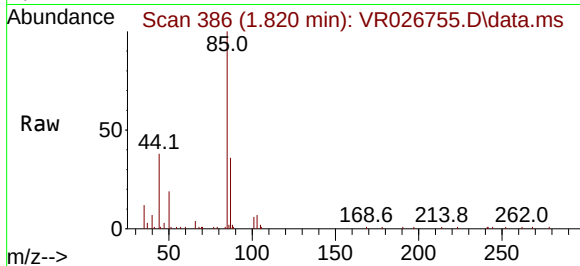
#3
Chloromethane
Concen: 5.500 ug/l m
RT: 1.820 min Scan# 384
Delta R.T. 0.006 min
Lab File: VR026755.D
Acq: 21 Aug 2025 14:15

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ClientSampleId :
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Tgt Ion: 50 Resp: 10854
Ion Ratio Lower Upper
50 100
52 0.0 0.6 1.0

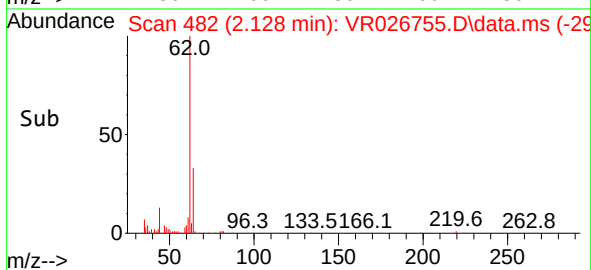
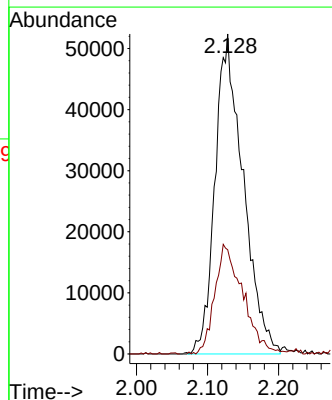
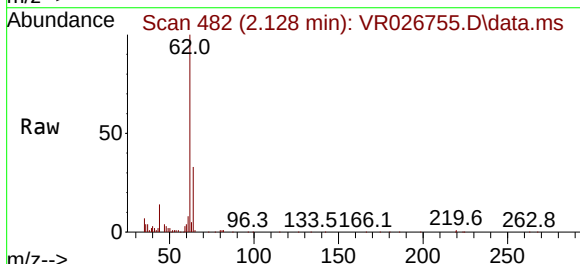
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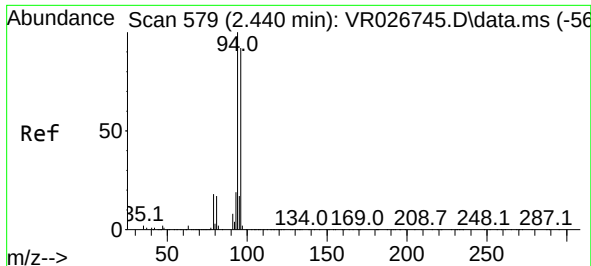
Reviewed By :Semsettin Yesilyurt 08/25/2025
Supervised By :Mahesh Dadoda 08/25/2025



#4
Vinyl Chloride
Concen: 5.265 ug/l
RT: 2.128 min Scan# 482
Delta R.T. 0.009 min
Lab File: VR026755.D
Acq: 21 Aug 2025 14:15

Tgt Ion: 62 Resp: 143682
Ion Ratio Lower Upper
62 100
64 32.6 25.5 38.3





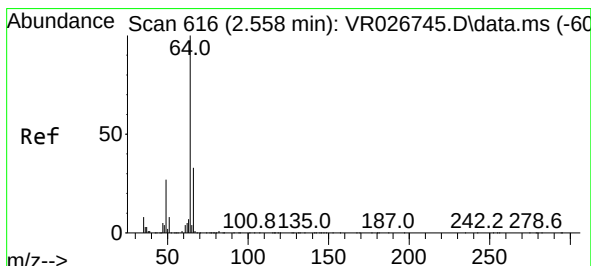
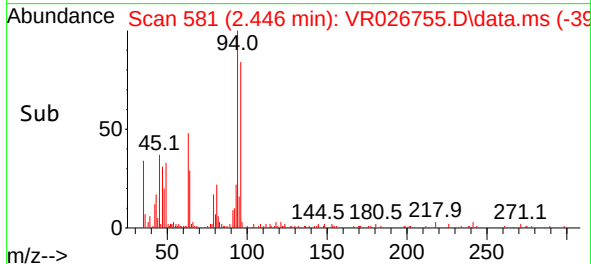
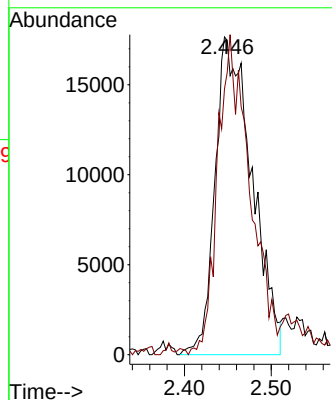
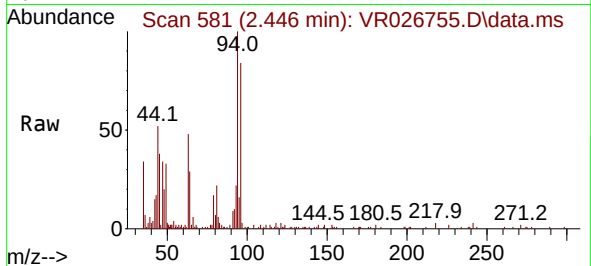
#5
Bromomethane
Concen: 6.220 ug/l
RT: 2.446 min Scan# 579
Delta R.T. 0.006 min
Lab File: VR026755.D
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Tgt Ion: 94 Resp: 52118
Ion Ratio Lower Upper
94 100
96 81.9 73.8 110.6

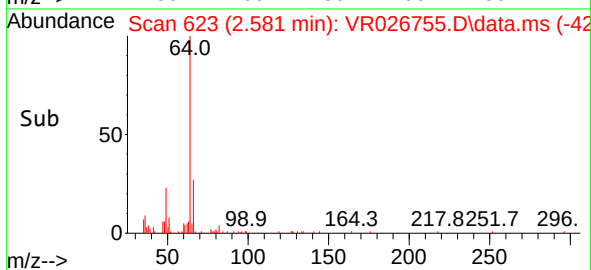
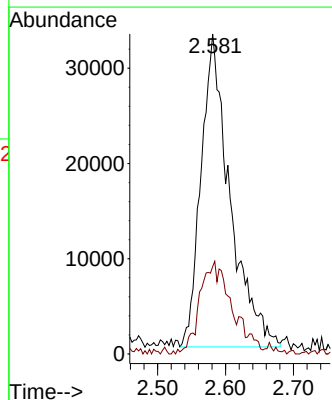
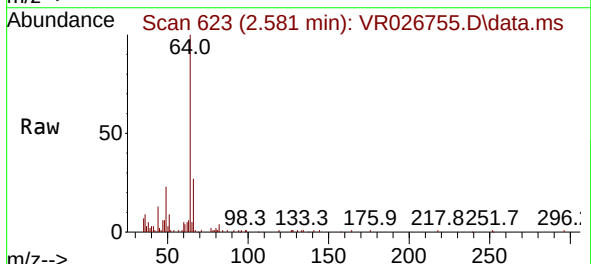
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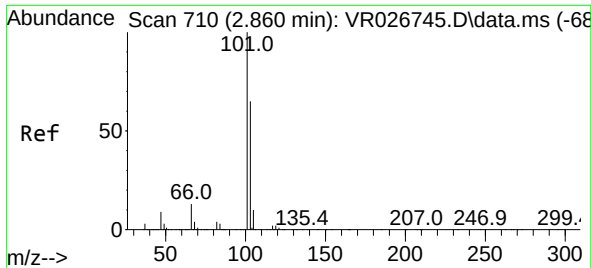
Reviewed By :Semsettin Yesilyurt 08/25/2025
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#6
Chloroethane
Concen: 6.252 ug/l
RT: 2.581 min Scan# 623
Delta R.T. 0.023 min
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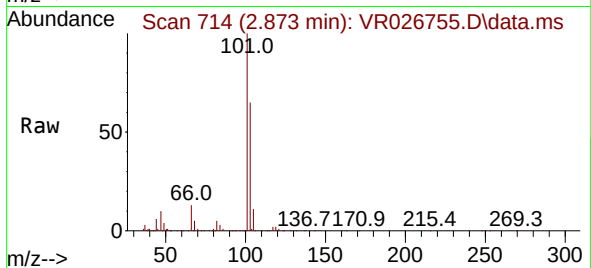
Tgt Ion: 64 Resp: 97366
Ion Ratio Lower Upper
64 100
66 27.2 26.6 40.0





#7
Trichlorofluoromethane
Concen: 5.567 ug/l
RT: 2.873 min Scan# 710
Delta R.T. 0.013 min
Lab File: VR026755.D
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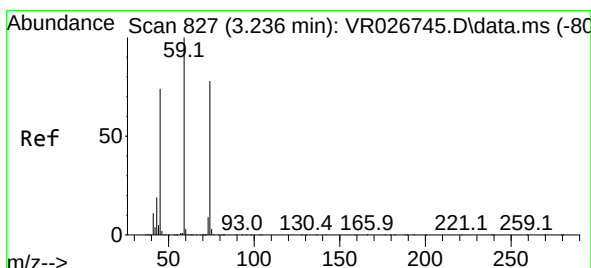
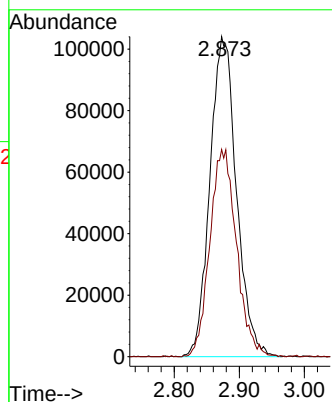
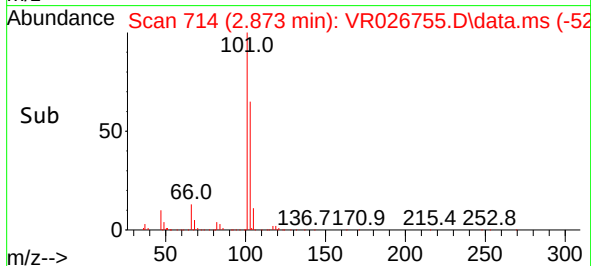
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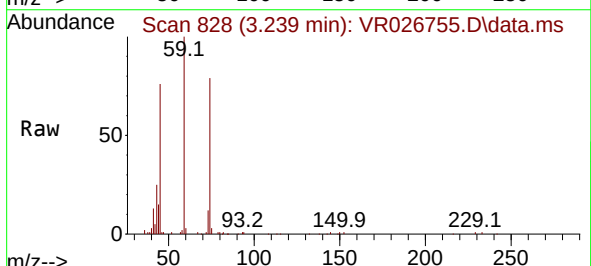
Tgt Ion:101 Resp: 29450
Ion Ratio Lower Upper
101 100
103 64.8 51.8 77.8

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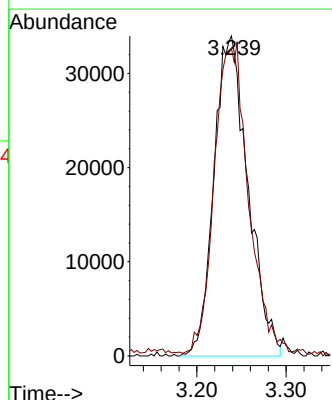
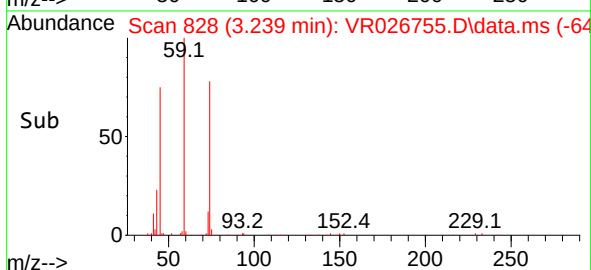
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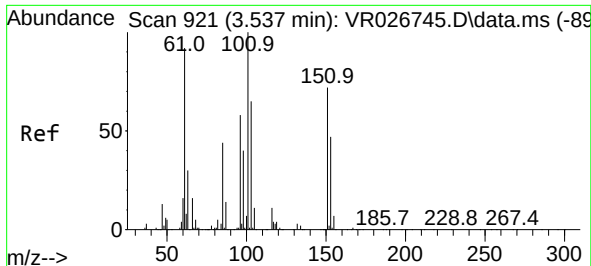


#8
Diethyl Ether
Concen: 5.314 ug/l
RT: 3.239 min Scan# 828
Delta R.T. 0.003 min
Lab File: VR026755.D
Acq: 21 Aug 2025 14:15



Tgt Ion: 74 Resp: 89939
Ion Ratio Lower Upper
74 100
45 97.0 47.5 142.6





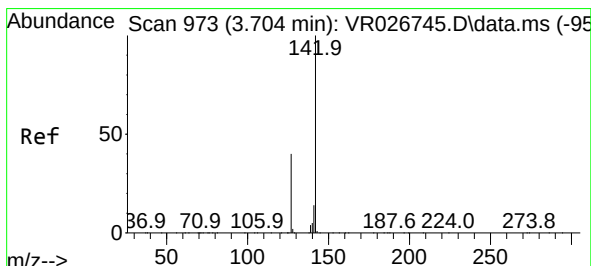
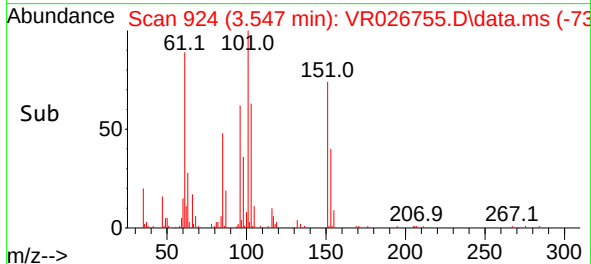
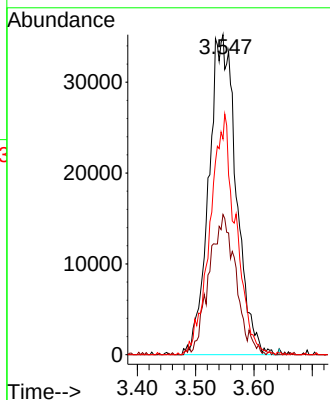
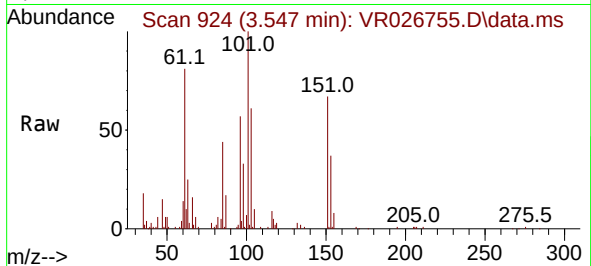
#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.476 ug/l m
RT: 3.547 min Scan# 911
Delta R.T. 0.010 min
Lab File: VR026755.D
Acq: 21 Aug 2025 14:15

Instrument :
MSVOA_R
ClientSampleId :
LOQ-WATER-02-QT3-2025

Tgt Ion:101 Resp: 115770
Ion Ratio Lower Upper
101 100
85 41.3 35.4 53.0
151 70.1 57.2 85.8

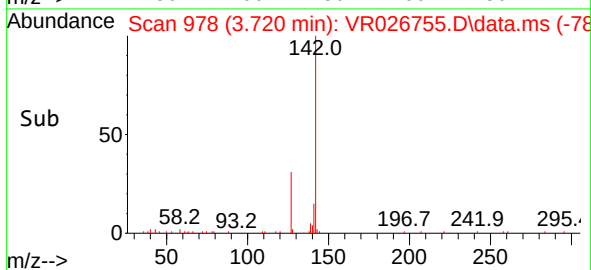
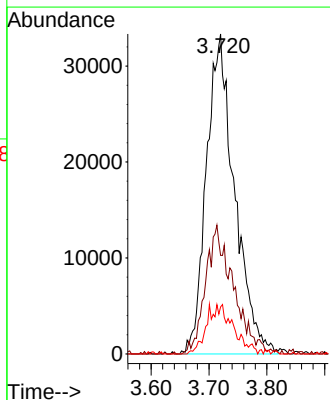
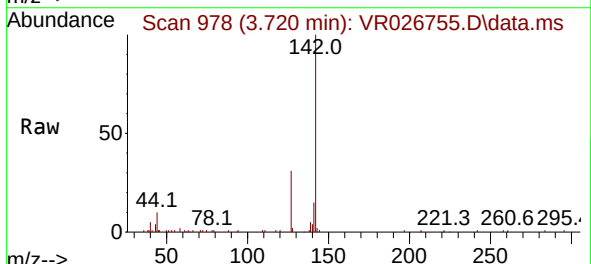
Manual Integrations
APPROVED

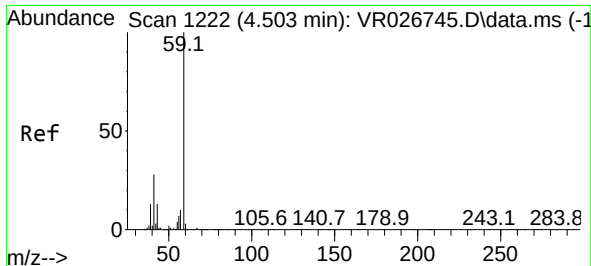
Reviewed By :Semsettin Yesilyurt 08/25/2025
Supervised By :Mahesh Dadoda 08/25/2025



#10
Methyl Iodide
Concen: 5.020 ug/l
RT: 3.720 min Scan# 978
Delta R.T. 0.016 min
Lab File: VR026755.D
Acq: 21 Aug 2025 14:15

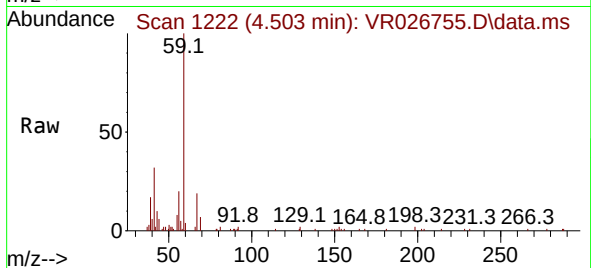
Tgt Ion:142 Resp: 112785
Ion Ratio Lower Upper
142 100
127 27.5 31.0 46.4#
141 5.2 10.9 16.3#





#11
Tert butyl alcohol
Concen: 17.481 ug/l m
RT: 4.503 min Scan# 11
Delta R.T. 0.000 min
Lab File: VR026755.D
Acq: 21 Aug 2025 14:15

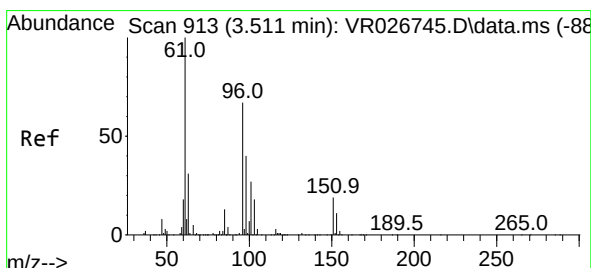
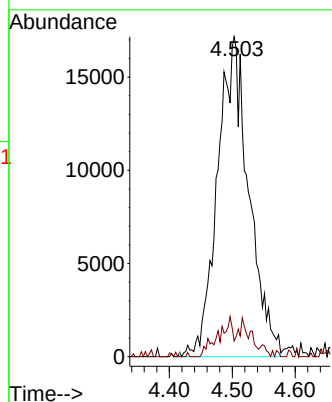
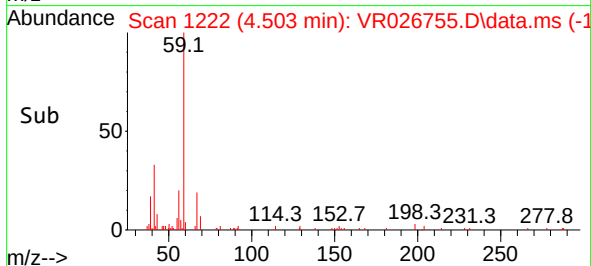
Instrument :
MSVOA_R
ClientSampleId :
LOQ-WATER-02-QT3-2025



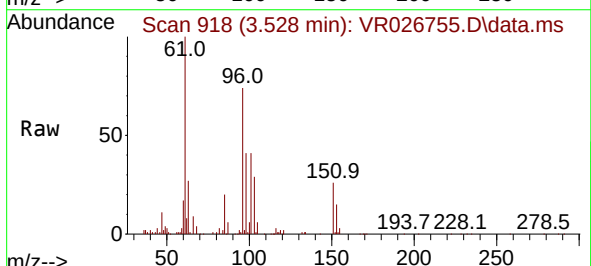
Tgt Ion: 59 Resp: 59235
Ion Ratio Lower Upper
59 100
57 0.0 3.8 5.8

Manual Integrations
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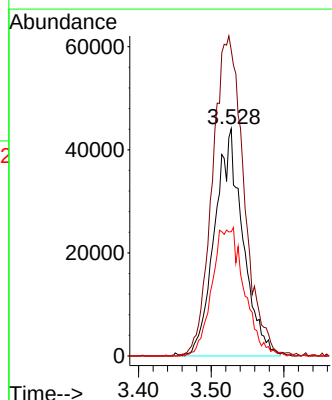
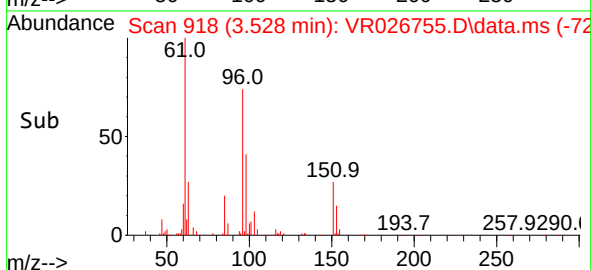
Reviewed By :Semsettin Yesilyurt 08/25/2025
Supervised By :Mahesh Dadoda 08/25/2025

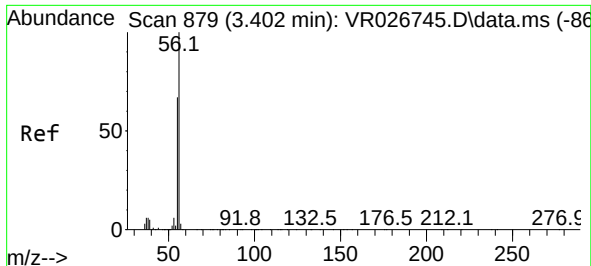


#12
1,1-Dichloroethene
Concen: 5.197 ug/l
RT: 3.528 min Scan# 918
Delta R.T. 0.016 min
Lab File: VR026755.D
Acq: 21 Aug 2025 14:15



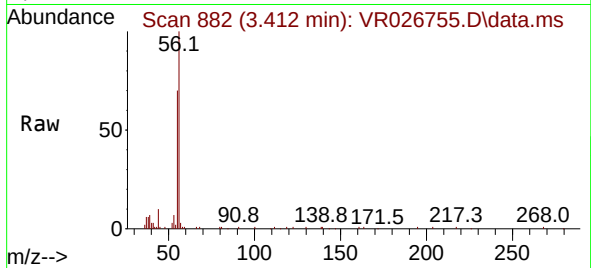
Tgt Ion: 96 Resp: 119215
Ion Ratio Lower Upper
96 100
61 133.9 118.7 178.1
98 54.7 47.7 71.5





#13
Acrolein
Concen: 41.564 ug/l
RT: 3.412 min Scan# 81
Delta R.T. 0.010 min
Lab File: VR026755.D
Acq: 21 Aug 2025 14:15

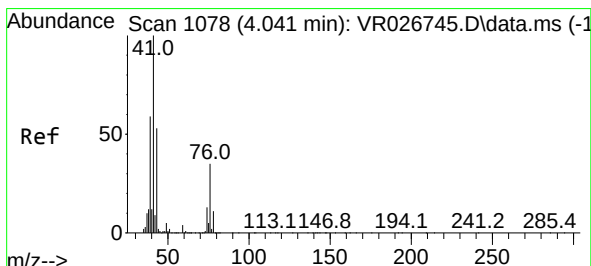
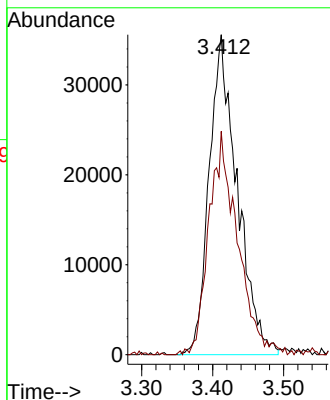
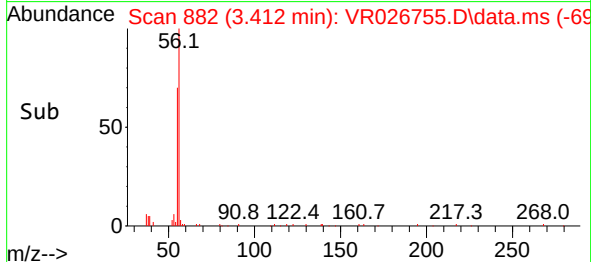
Instrument :
MSVOA_R
ClientSampleId :
LOQ-WATER-02-QT3-2025



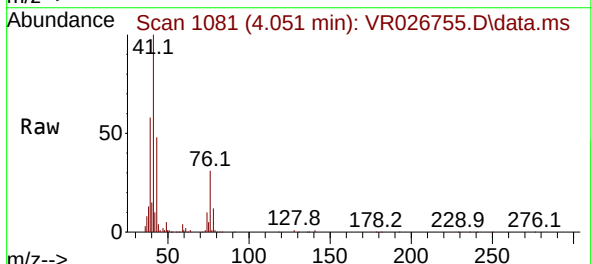
Tgt Ion: 56 Resp: 97349
Ion Ratio Lower Upper
56 100
55 70.3 56.9 85.3

Manual Integrations
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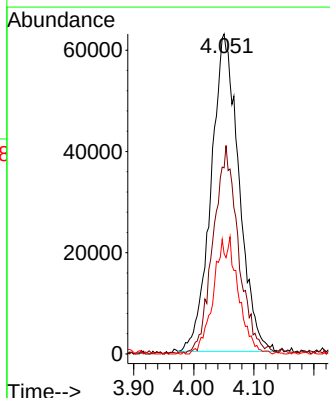
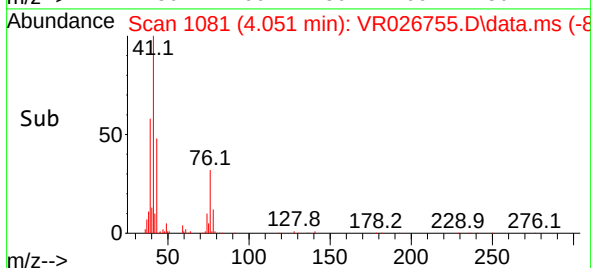
Reviewed By :Semsettin Yesilyurt 08/25/2025
Supervised By :Mahesh Dadoda 08/25/2025

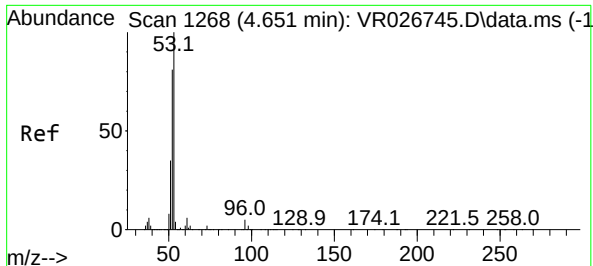


#14
Allyl chloride
Concen: 4.781 ug/l
RT: 4.051 min Scan# 1081
Delta R.T. 0.010 min
Lab File: VR026755.D
Acq: 21 Aug 2025 14:15



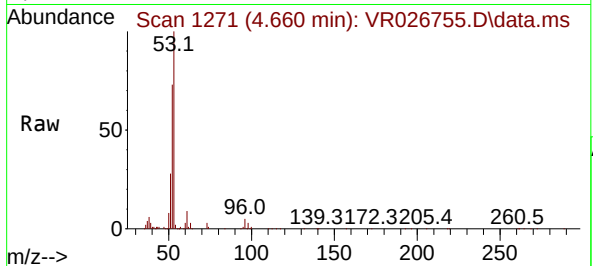
Tgt Ion: 41 Resp: 202142
Ion Ratio Lower Upper
41 100
39 58.5 45.8 68.6
76 17.1 26.4 39.6#





#15
Acrylonitrile
Concen: 22.362 ug/l
RT: 4.660 min Scan# 11
Delta R.T. 0.009 min
Lab File: VR026755.D
Acq: 21 Aug 2025 14:15

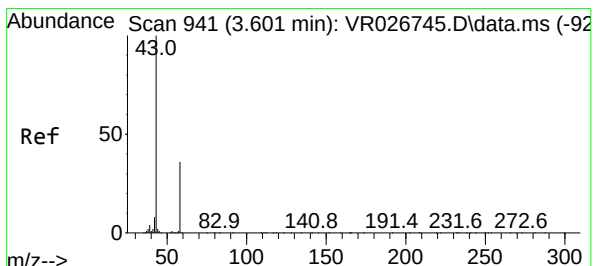
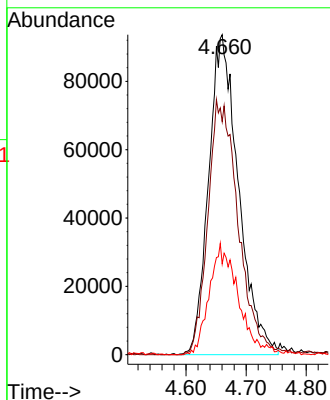
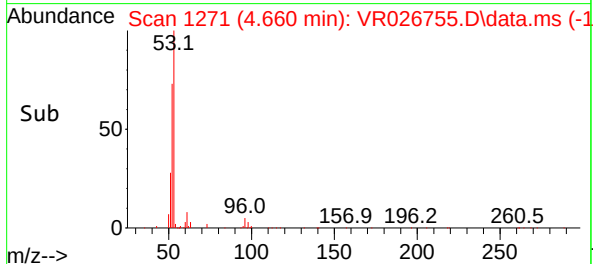
Instrument :
MSVOA_R
ClientSampleId :
LOQ-WATER-02-QT3-2025



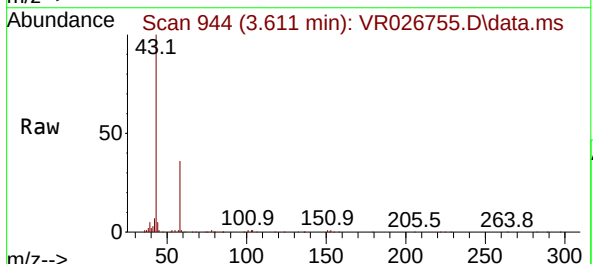
Tgt Ion: 53 Resp: 324078
Ion Ratio Lower Upper
53 100
52 80.0 65.7 98.5
51 32.7 28.4 42.6

Manual Integrations
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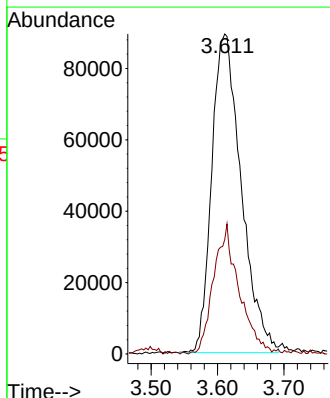
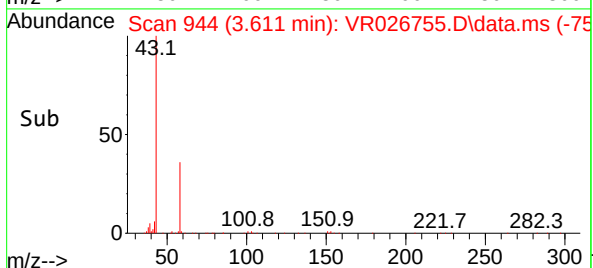
Reviewed By :Semsettin Yesilyurt 08/25/2025
Supervised By :Mahesh Dadoda 08/25/2025

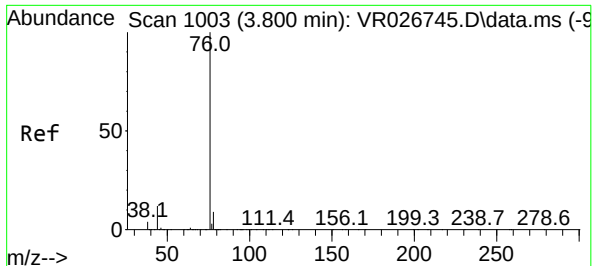


#16
Acetone
Concen: 23.612 ug/l
RT: 3.611 min Scan# 944
Delta R.T. 0.010 min
Lab File: VR026755.D
Acq: 21 Aug 2025 14:15



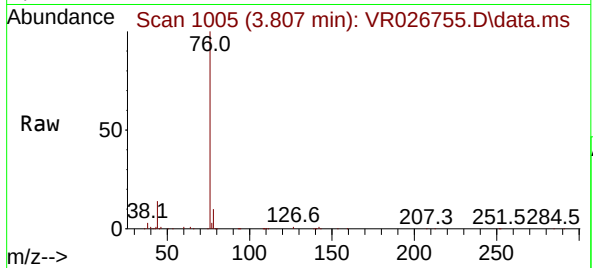
Tgt Ion: 43 Resp: 275492
Ion Ratio Lower Upper
43 100
58 35.5 28.6 43.0





#17
Carbon Disulfide
Concen: 4.663 ug/l
RT: 3.807 min Scan# 1003
Delta R.T. 0.006 min
Lab File: VR026755.D
Acq: 21 Aug 2025 14:15

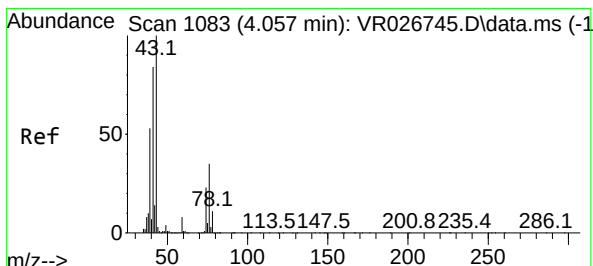
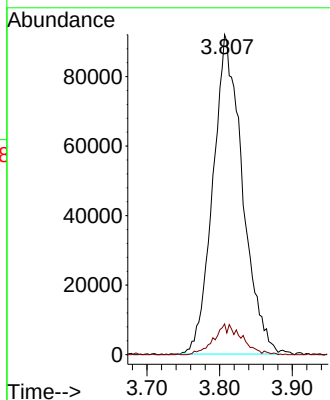
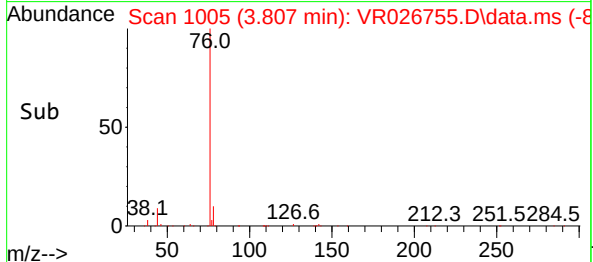
Instrument :
MSVOA_R
ClientSampleId :
LOQ-WATER-02-QT3-2025



Tgt Ion: 76 Resp: 25983
Ion Ratio Lower Upper
76 100
78 9.6 7.0 10.6

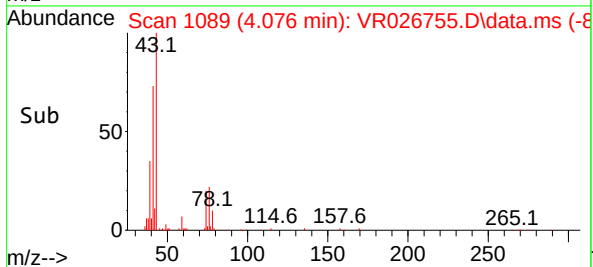
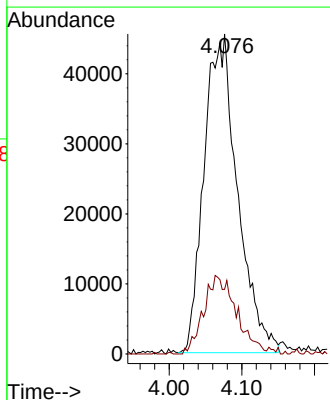
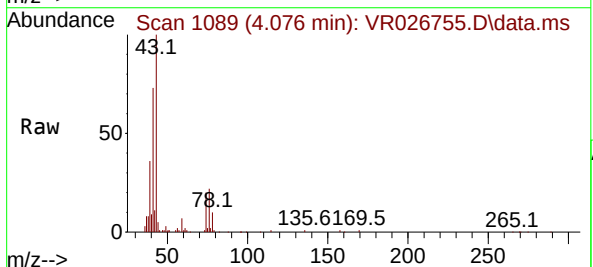
Manual Integrations
APPROVED

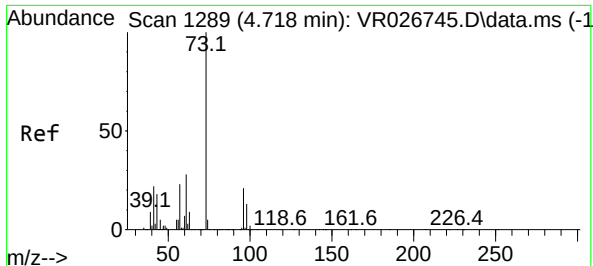
Reviewed By :Semsettin Yesilyurt 08/25/2025
Supervised By :Mahesh Dadoda 08/25/2025



#18
Methyl Acetate
Concen: 4.278 ug/l
RT: 4.076 min Scan# 1089
Delta R.T. 0.019 min
Lab File: VR026755.D
Acq: 21 Aug 2025 14:15

Tgt Ion: 43 Resp: 145418
Ion Ratio Lower Upper
43 100
74 24.0 19.1 28.7





#19

Methyl tert-butyl Ether

Concen: 4.709 ug/l

RT: 4.724 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VR026755.D

Acq: 21 Aug 2025 14:15

Instrument :

MSVOA_R

ClientSampleId :

LOQ-WATER-02-QT3-2025

Tgt Ion: 73 Resp: 342600

Ion Ratio Lower Upper

73 100

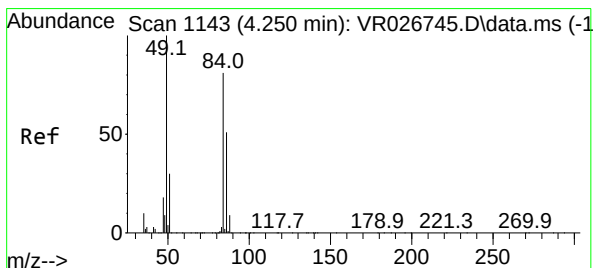
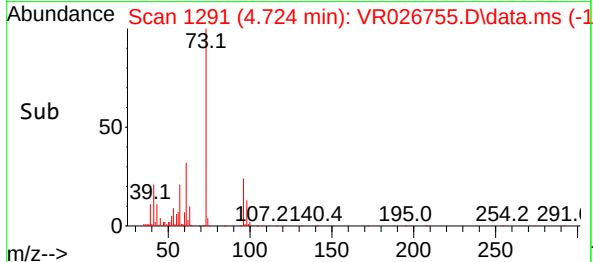
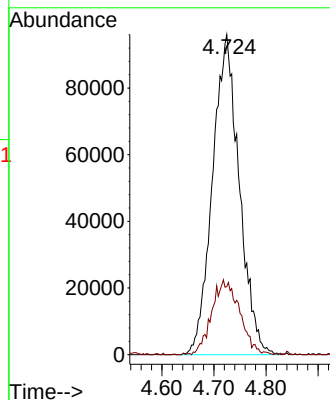
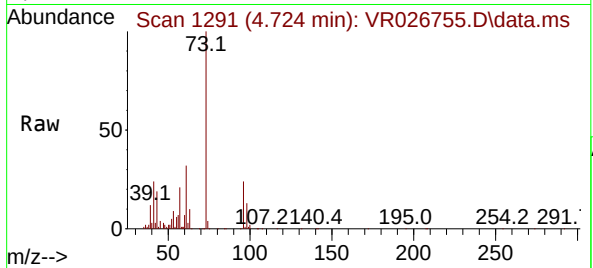
57 21.3 18.2 27.2

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 08/25/2025

Supervised By :Mahesh Dadoda 08/25/2025



#20

Methylene Chloride

Concen: 5.478 ug/l

RT: 4.259 min Scan# 1146

Delta R.T. 0.010 min

Lab File: VR026755.D

Acq: 21 Aug 2025 14:15

Tgt Ion: 84 Resp: 136335

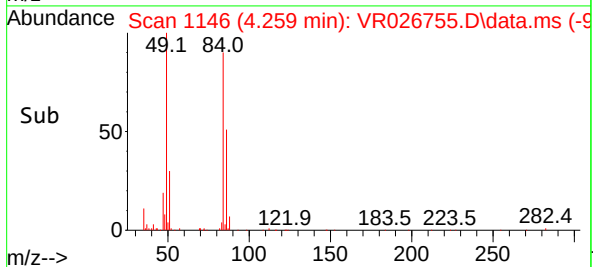
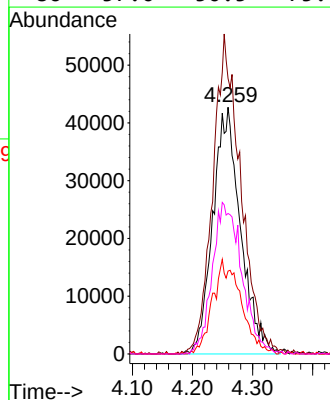
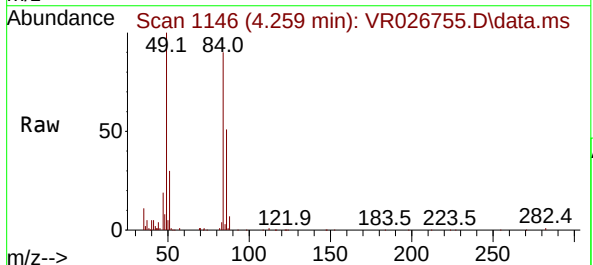
Ion Ratio Lower Upper

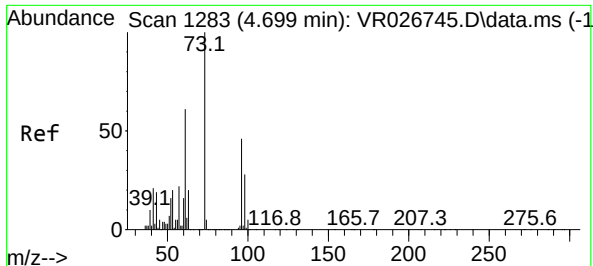
84 100

49 111.7 98.8 148.2

51 33.6 29.4 44.2

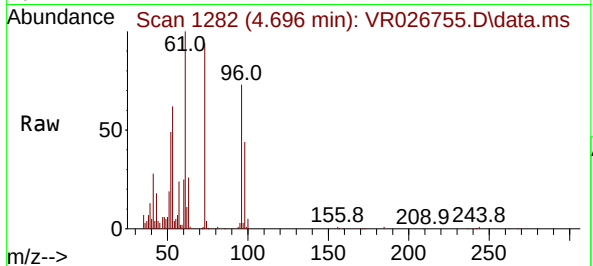
86 57.0 50.5 75.7





#21
trans-1,2-Dichloroethene
Concen: 4.974 ug/l
RT: 4.696 min Scan# 1282
Delta R.T. -0.003 min
Lab File: VR026755.D
Acq: 21 Aug 2025 14:15

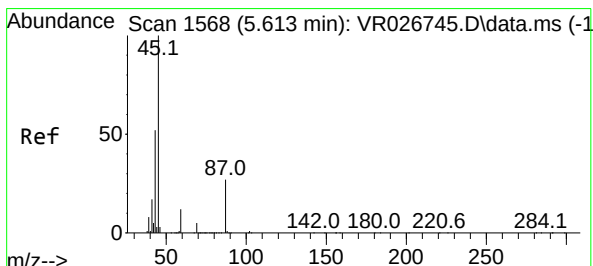
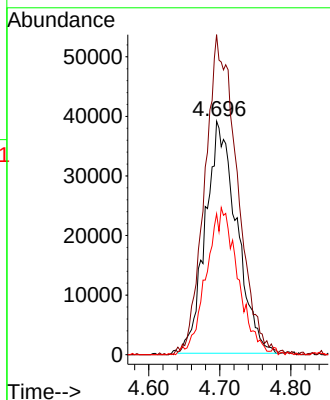
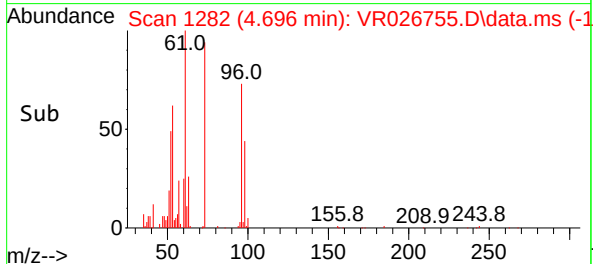
Instrument : MSVOA_R
ClientSampleId : LOQ-WATER-02-QT3-2025



Tgt Ion: 96 Resp: 119308
Ion Ratio Lower Upper
96 100
61 137.0 107.1 160.7
98 60.7 49.7 74.5

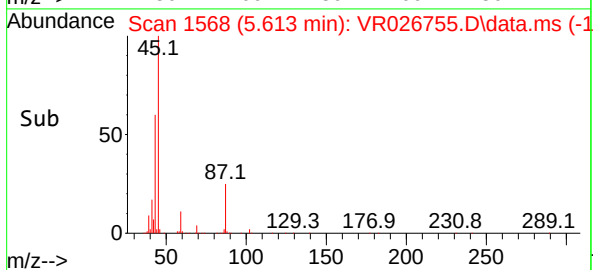
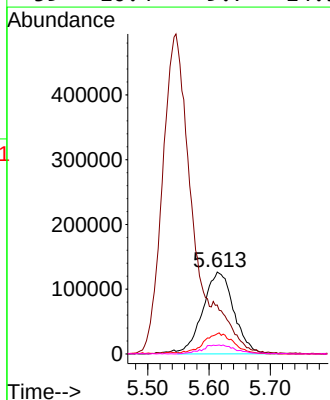
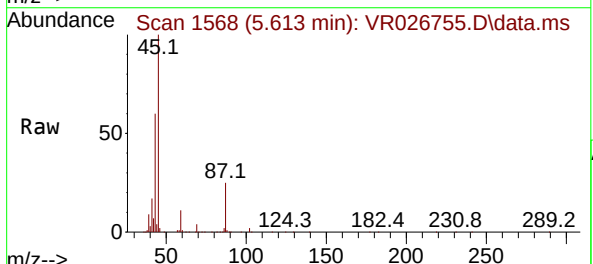
Manual Integrations
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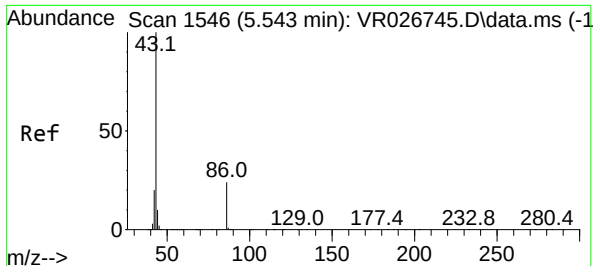
Reviewed By :Semsettin Yesilyurt 08/25/2025
Supervised By :Mahesh Dadoda 08/25/2025



#22
Diisopropyl ether
Concen: 5.079 ug/l
RT: 5.613 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VR026755.D
Acq: 21 Aug 2025 14:15

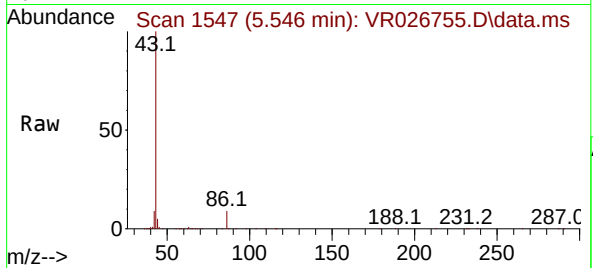
Tgt Ion: 45 Resp: 441738
Ion Ratio Lower Upper
45 100
43 59.3 41.8 62.8
87 24.5 21.7 32.5
59 10.4 9.7 14.5





#23
 Vinyl Acetate
 Concen: 26.924 ug/l
 RT: 5.546 min Scan# 1546
 Delta R.T. 0.003 min
 Lab File: VR026755.D
 Acq: 21 Aug 2025 14:15

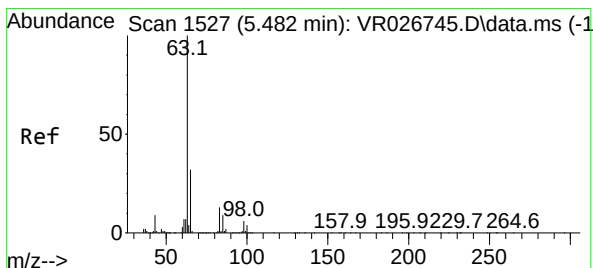
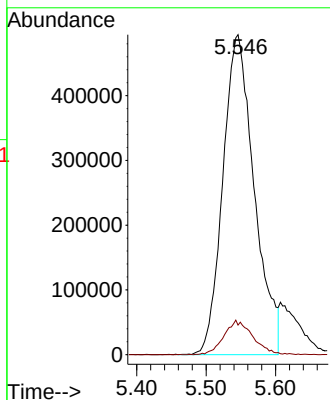
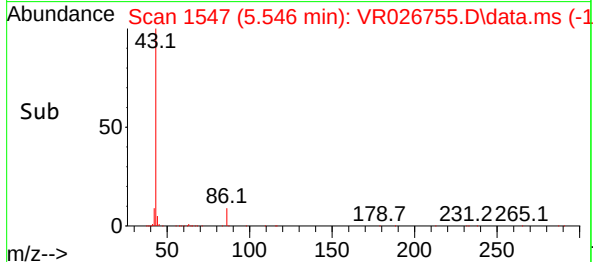
Instrument : MSVOA_R
 ClientSampleId : LOQ-WATER-02-QT3-2025



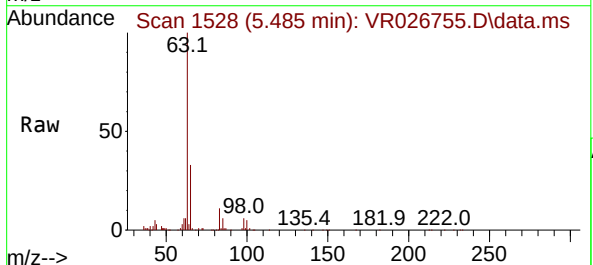
Tgt Ion: 43 Resp: 155316
 Ion Ratio Lower Upper
 43 100
 86 9.2 18.9 28.3

Manual Integrations
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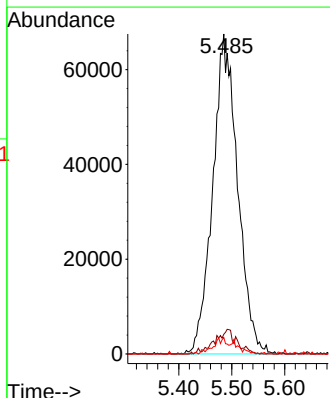
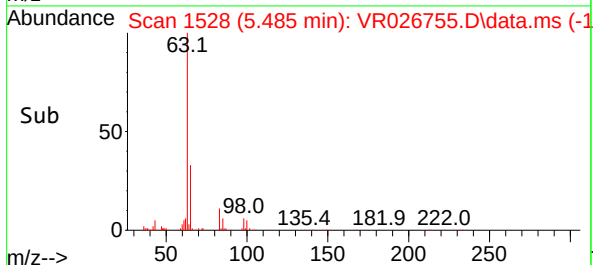
Reviewed By :Semsettin Yesilyurt 08/25/2025
 Supervised By :Mahesh Dadoda 08/25/2025

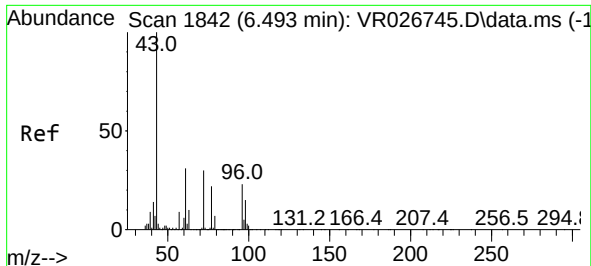


#24
 1,1-Dichloroethane
 Concen: 5.141 ug/l
 RT: 5.485 min Scan# 1528
 Delta R.T. 0.003 min
 Lab File: VR026755.D
 Acq: 21 Aug 2025 14:15



Tgt Ion: 63 Resp: 220061
 Ion Ratio Lower Upper
 63 100
 98 6.2 3.1 9.3
 100 5.2 2.1 6.2





#25

2-Butanone

Concen: 21.406 ug/l

RT: 6.496 min Scan# 1842

Delta R.T. 0.003 min

Lab File: VR026755.D

Acq: 21 Aug 2025 14:15

Instrument :

MSVOA_R

ClientSampleId :

LOQ-WATER-02-QT3-2025

Tgt Ion: 43 Resp: 38778

Ion Ratio Lower Upper

43 100

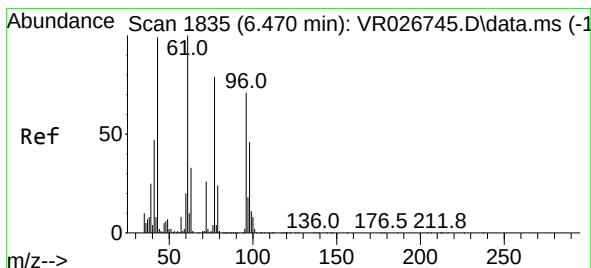
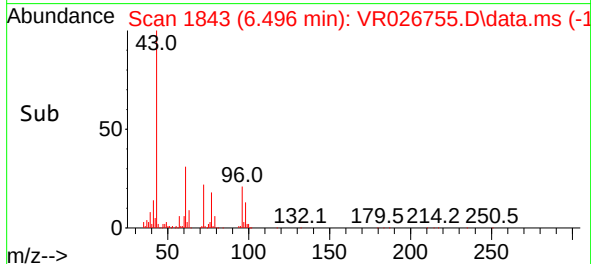
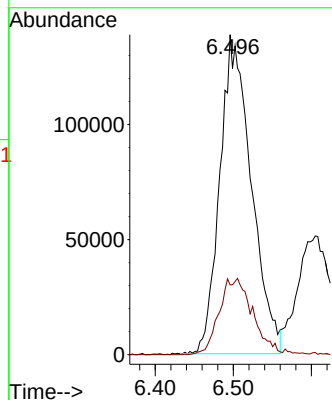
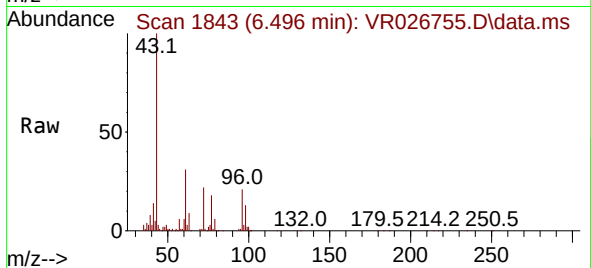
72 21.9 23.8 35.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/25/2025

Supervised By :Mahesh Dadoda 08/25/2025



#26

2,2-Dichloropropane

Concen: 4.352 ug/l

RT: 6.476 min Scan# 1837

Delta R.T. 0.006 min

Lab File: VR026755.D

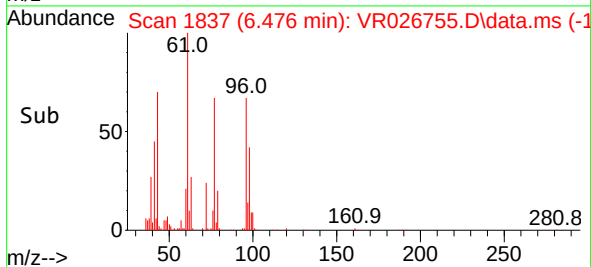
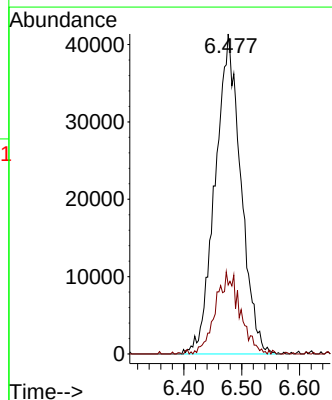
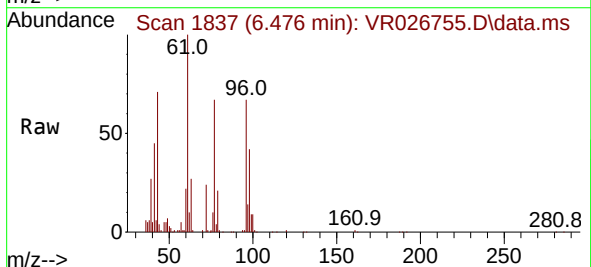
Acq: 21 Aug 2025 14:15

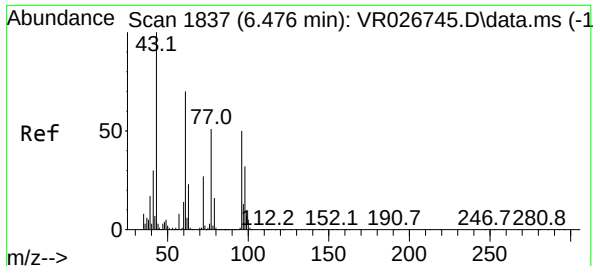
Tgt Ion: 77 Resp: 127615

Ion Ratio Lower Upper

77 100

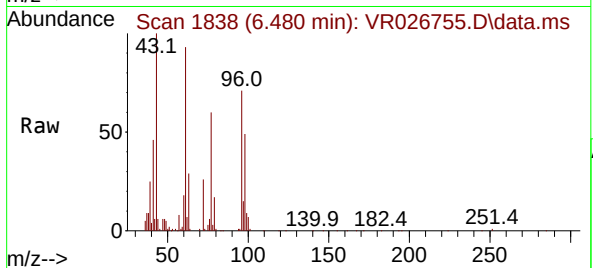
97 24.4 11.7 35.1





#27
 cis-1,2-Dichloroethene
 Concen: 4.806 ug/l
 RT: 6.480 min Scan# 1837
 Delta R.T. 0.004 min
 Lab File: VR026755.D
 Acq: 21 Aug 2025 14:15

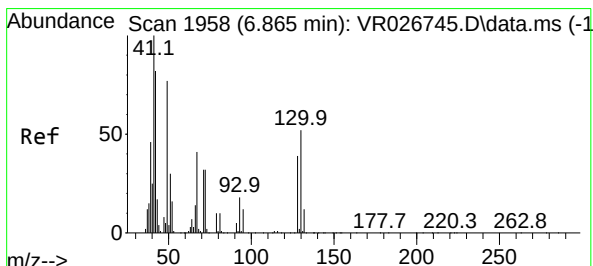
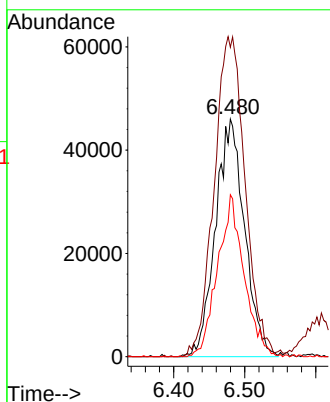
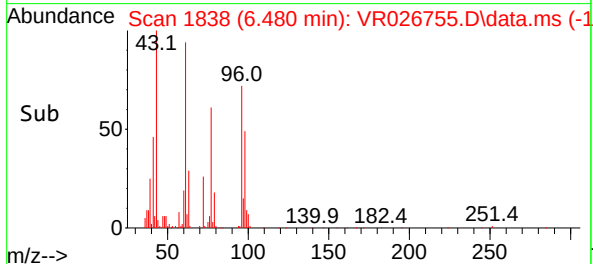
Instrument : MSVOA_R
 ClientSampleId : LOQ-WATER-02-QT3-2025



Tgt Ion: 96 Resp: 130479
 Ion Ratio Lower Upper
 96 100
 61 144.0 0.0 280.6
 98 62.2 0.0 127.6

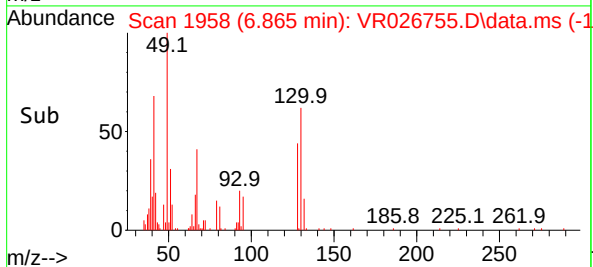
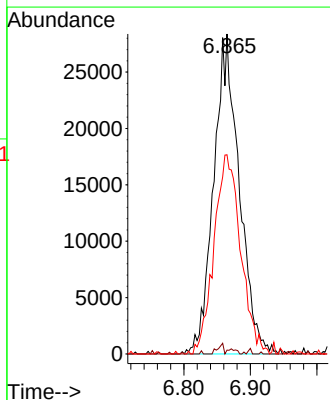
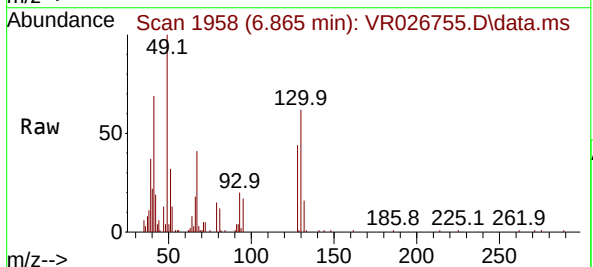
Manual Integrations
 APPROVED

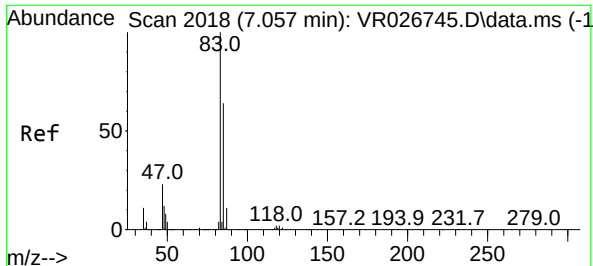
Reviewed By :Semsettin Yesilyurt 08/25/2025
 Supervised By :Mahesh Dadoda 08/25/2025



#28
 Bromochloromethane
 Concen: 5.977 ug/l
 RT: 6.865 min Scan# 1958
 Delta R.T. 0.000 min
 Lab File: VR026755.D
 Acq: 21 Aug 2025 14:15

Tgt Ion: 49 Resp: 75715
 Ion Ratio Lower Upper
 49 100
 129 0.4 0.0 1.6
 130 64.9 53.4 80.2





#29

Chloroform

Concen: 4.996 ug/l

RT: 7.061 min Scan# 2018

Delta R.T. 0.003 min

Lab File: VR026755.D

Acq: 21 Aug 2025 14:15

Instrument :

MSVOA_R

ClientSampleId :

LOQ-WATER-02-QT3-2025

Tgt Ion: 83 Resp: 192134

Ion Ratio Lower Upper

83 100

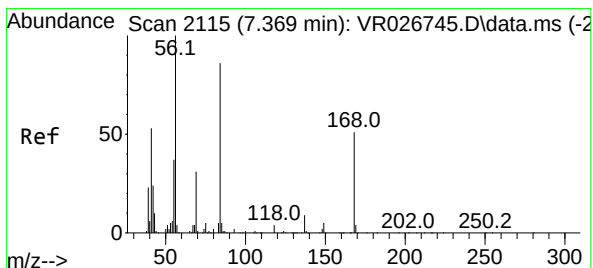
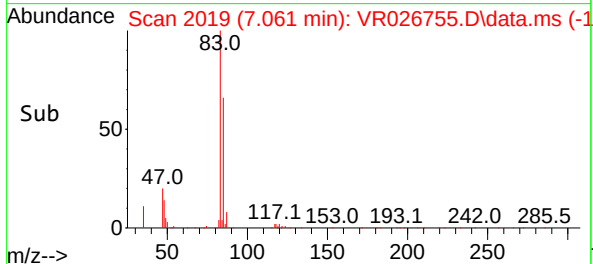
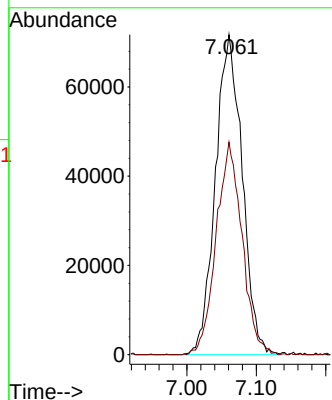
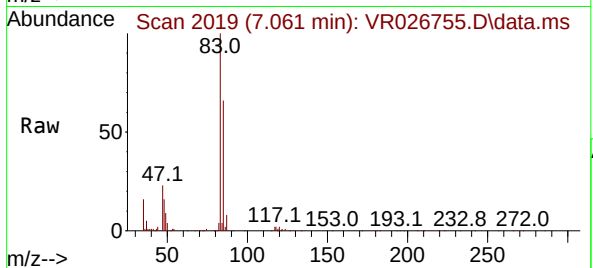
85 66.4 51.5 77.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/25/2025

Supervised By :Mahesh Dadoda 08/25/2025



#30

Cyclohexane

Concen: 5.761 ug/l

RT: 7.381 min Scan# 2119

Delta R.T. 0.013 min

Lab File: VR026755.D

Acq: 21 Aug 2025 14:15

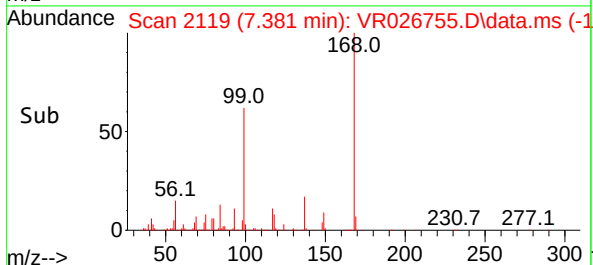
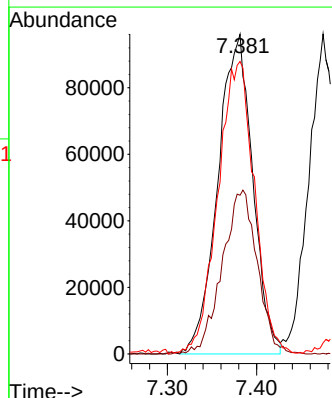
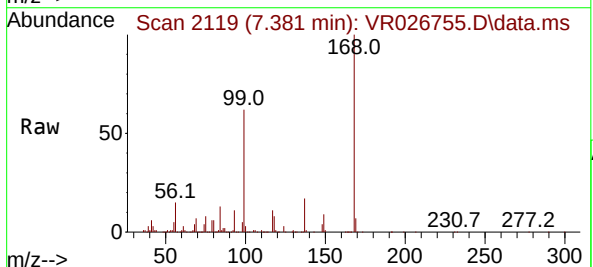
Tgt Ion: 56 Resp: 260027

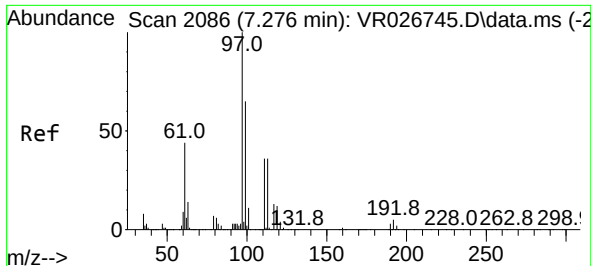
Ion Ratio Lower Upper

56 100

69 49.4 24.6 37.0#

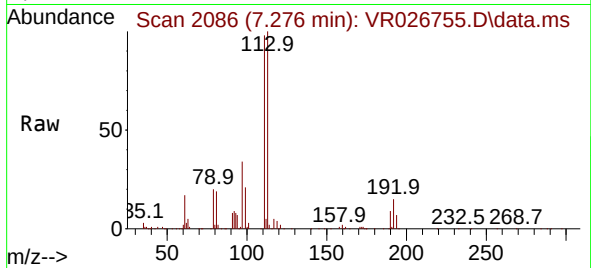
84 90.8 68.7 103.1





#31
1,1,1-Trichloroethane
Concen: 4.886 ug/l
RT: 7.276 min Scan# 2086
Delta R.T. 0.000 min
Lab File: VR026755.D
Acq: 21 Aug 2025 14:15

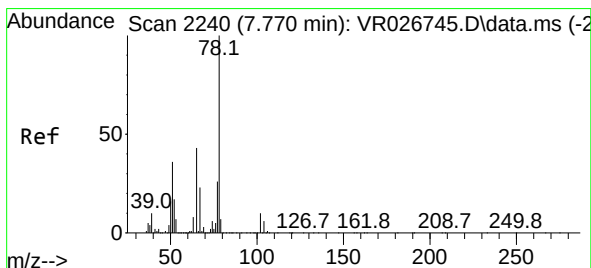
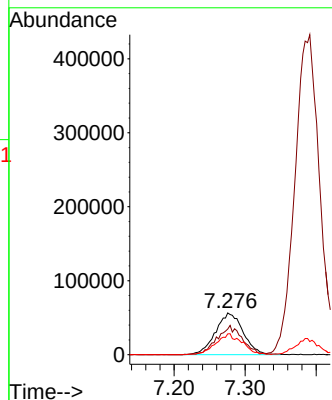
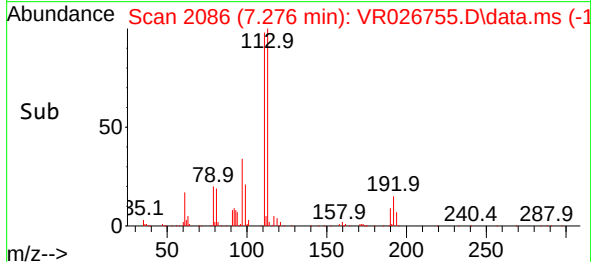
Instrument : MSVOA_R
ClientSampleId : LOQ-WATER-02-QT3-2025



Tgt Ion: 97 Resp: 152560
Ion Ratio Lower Upper
97 100
99 64.0 51.0 76.4
61 47.8 35.0 52.4

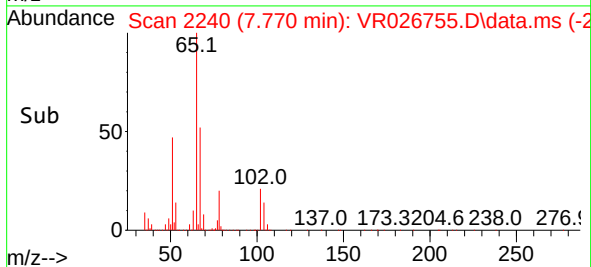
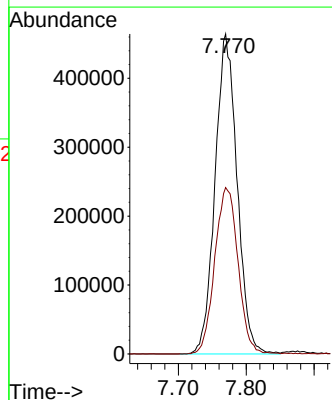
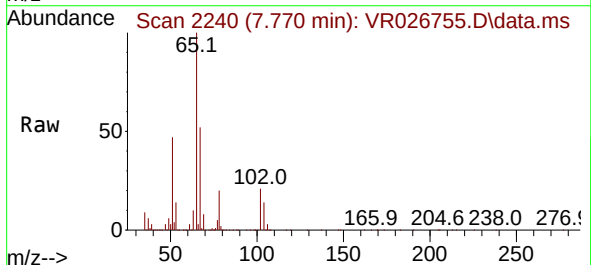
Manual Integrations
APPROVED

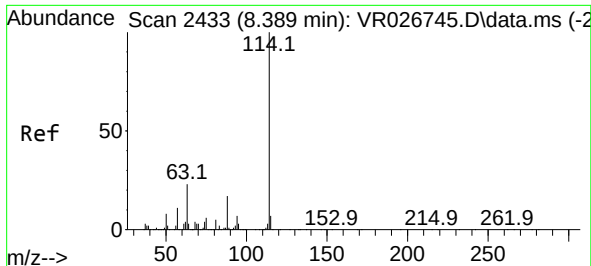
Reviewed By :Semsettin Yesilyurt 08/25/2025
Supervised By :Mahesh Dadoda 08/25/2025



#32
1,2-Dichloroethane-d4
Concen: 47.403 ug/l
RT: 7.770 min Scan# 2240
Delta R.T. 0.000 min
Lab File: VR026755.D
Acq: 21 Aug 2025 14:15

Tgt Ion: 65 Resp: 1044877
Ion Ratio Lower Upper
65 100
67 55.0 0.0 111.4





#33

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.392 min Scan# 2434

Delta R.T. 0.003 min

Lab File: VR026755.D

Acq: 21 Aug 2025 14:15

Instrument :

MSVOA_R

ClientSampleId :

LOQ-WATER-02-QT3-2025

Tgt Ion:114 Resp: 299104

Ion Ratio Lower Upper

114 100

63 22.1 0.0 45.8

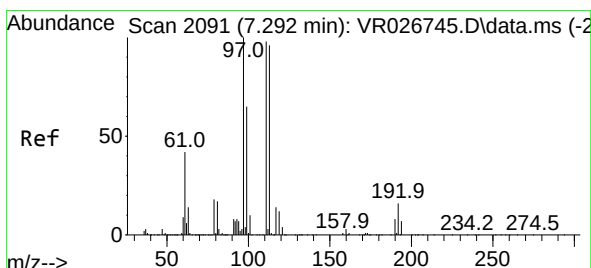
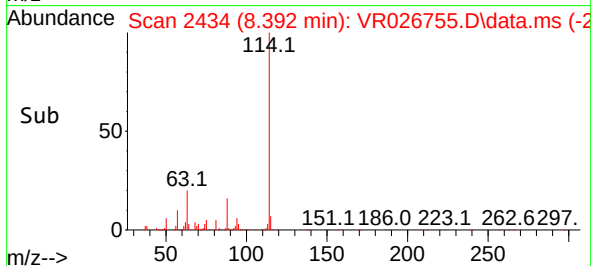
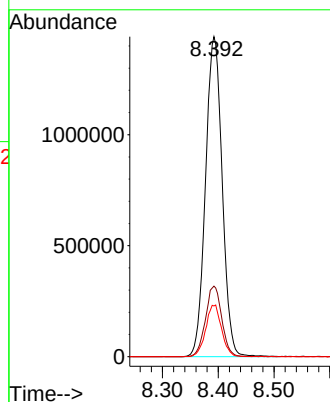
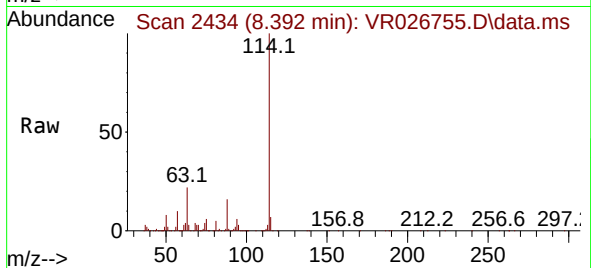
88 15.9 0.0 34.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/25/2025

Supervised By :Mahesh Dadoda 08/25/2025



#34

Dibromofluoromethane

Concen: 45.374 ug/l

RT: 7.295 min Scan# 2092

Delta R.T. 0.003 min

Lab File: VR026755.D

Acq: 21 Aug 2025 14:15

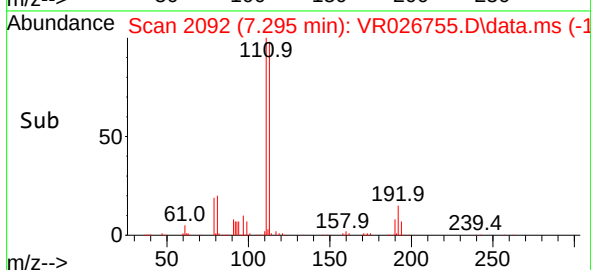
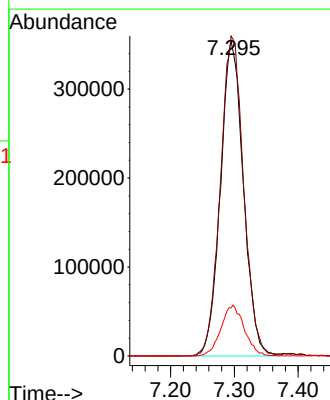
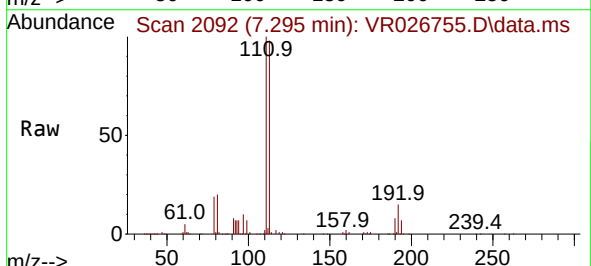
Tgt Ion:113 Resp: 885164

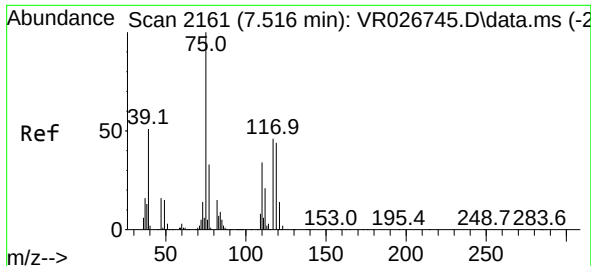
Ion Ratio Lower Upper

113 100

111 102.8 82.8 124.2

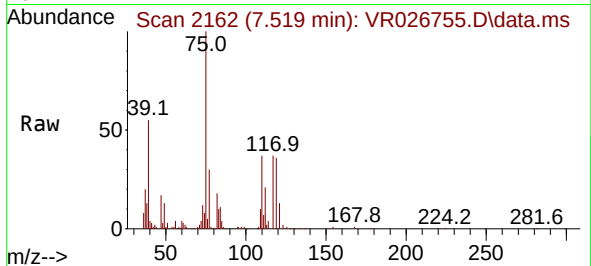
192 16.4 12.9 19.3





#35
1,1-Dichloropropene
Concen: 4.582 ug/l
RT: 7.519 min Scan# 2161
Delta R.T. 0.003 min
Lab File: VR026755.D
Acq: 21 Aug 2025 14:15

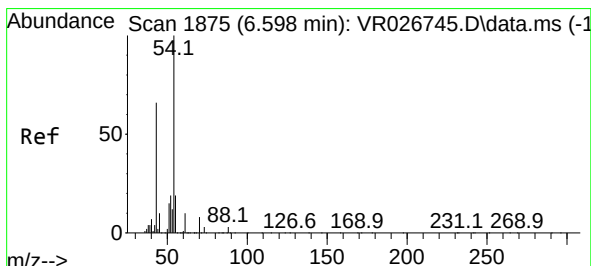
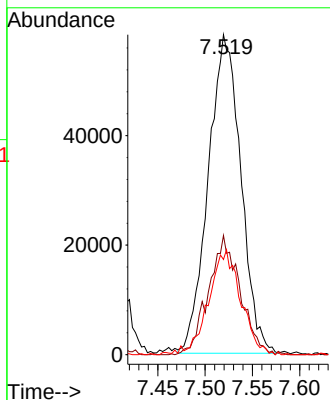
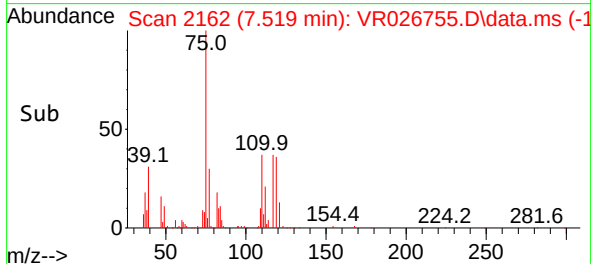
Instrument :
MSVOA_R
ClientSampleId :
LOQ-WATER-02-QT3-2025



Tgt Ion: 75 Resp: 13918
Ion Ratio Lower Upper
75 100
110 36.0 17.3 52.0
77 31.8 25.1 37.7

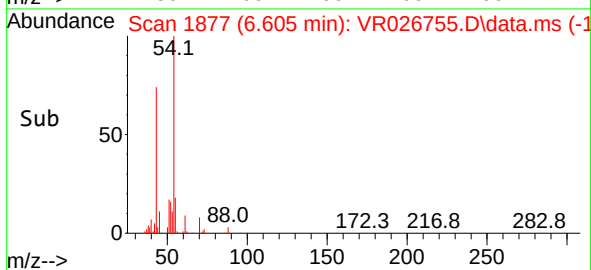
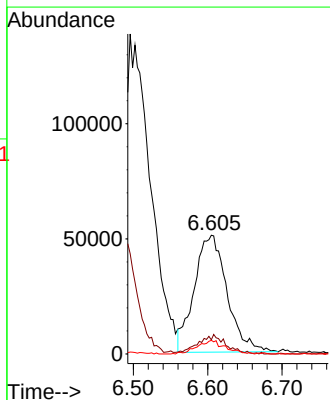
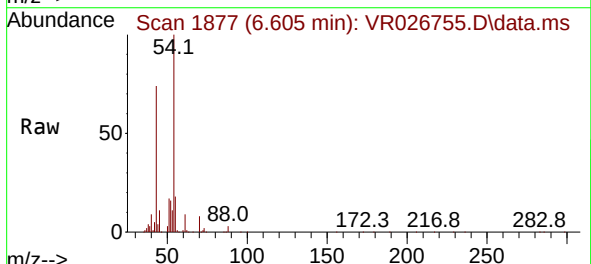
Manual Integrations
APPROVED

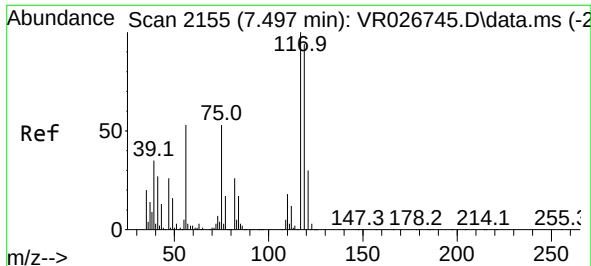
Reviewed By :Semsettin Yesilyurt 08/25/2025
Supervised By :Mahesh Dadoda 08/25/2025



#36
Ethyl Acetate
Concen: 4.003 ug/l
RT: 6.605 min Scan# 1877
Delta R.T. 0.006 min
Lab File: VR026755.D
Acq: 21 Aug 2025 14:15

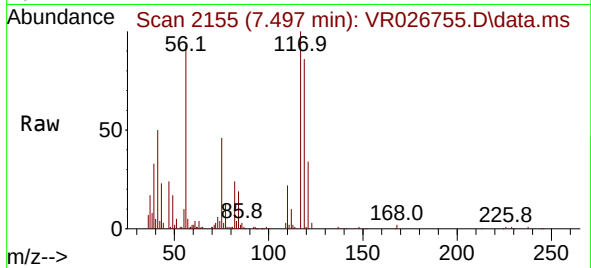
Tgt Ion: 43 Resp: 155576
Ion Ratio Lower Upper
43 100
61 12.7 11.4 17.2
70 9.8 8.4 12.6





#37
Carbon Tetrachloride
Concen: 4.224 ug/l
RT: 7.497 min Scan# 2155
Delta R.T. 0.000 min
Lab File: VR026755.D
Acq: 21 Aug 2025 14:15

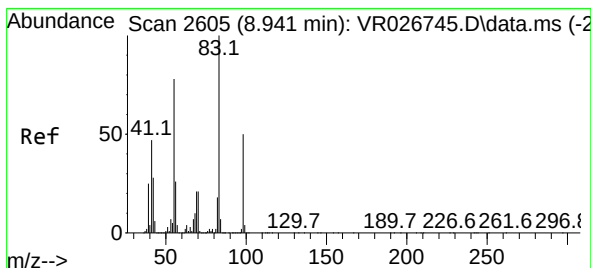
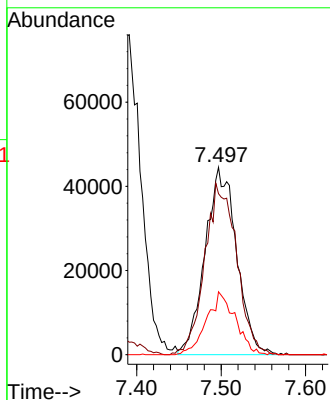
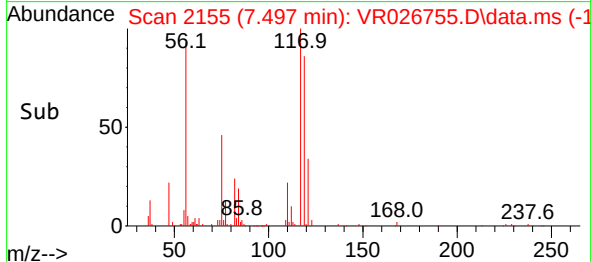
Instrument : MSVOA_R
ClientSampleId : LOQ-WATER-02-QT3-2025



Tgt Ion: 117 Resp: 115478
Ion Ratio Lower Upper
117 100
119 85.9 75.1 112.7
121 33.5 24.2 36.2

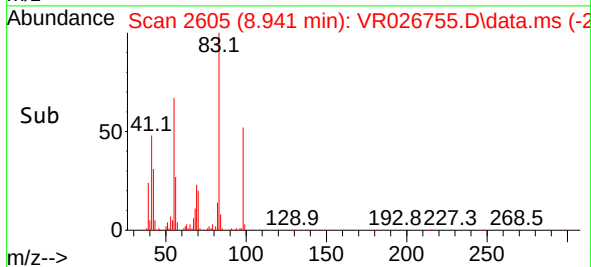
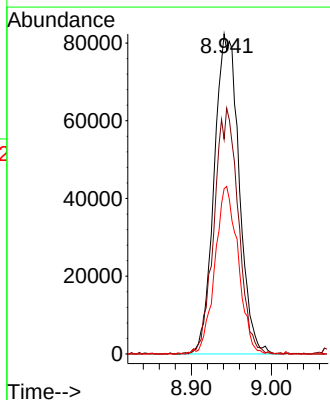
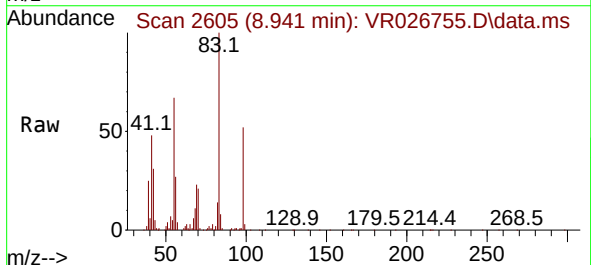
Manual Integrations
APPROVED

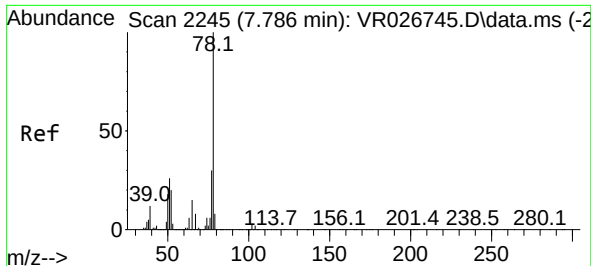
Reviewed By :Semsettin Yesilyurt 08/25/2025
Supervised By :Mahesh Dadoda 08/25/2025



#38
Methylcyclohexane
Concen: 4.670 ug/l
RT: 8.941 min Scan# 2605
Delta R.T. 0.000 min
Lab File: VR026755.D
Acq: 21 Aug 2025 14:15

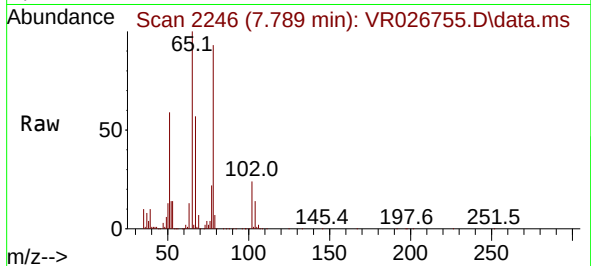
Tgt Ion: 83 Resp: 177542
Ion Ratio Lower Upper
83 100
55 67.2 62.6 94.0
98 51.4 39.9 59.9





#39
Benzene
Concen: 5.199 ug/l
RT: 7.789 min Scan# 2246
Delta R.T. 0.003 min
Lab File: VR026755.D
Acq: 21 Aug 2025 14:15

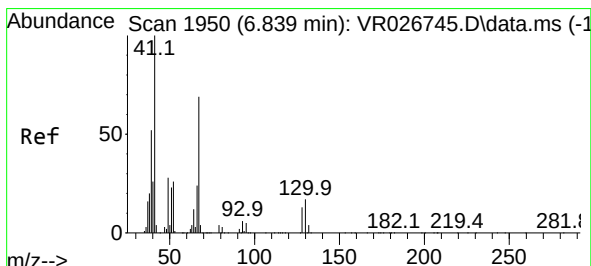
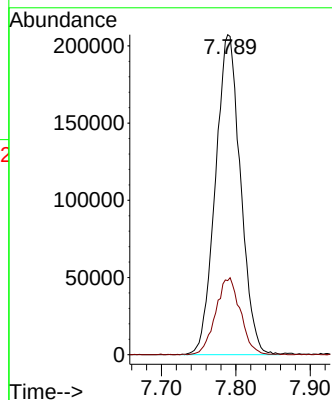
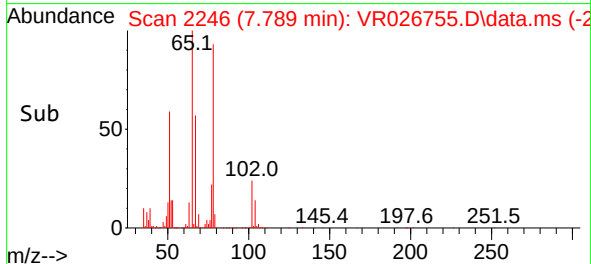
Instrument : MSVOA_R
ClientSampleId : LOQ-WATER-02-QT3-2025



Tgt Ion: 78 Resp: 48490
Ion Ratio Lower Upper
78 100
77 23.2 24.3 36.5

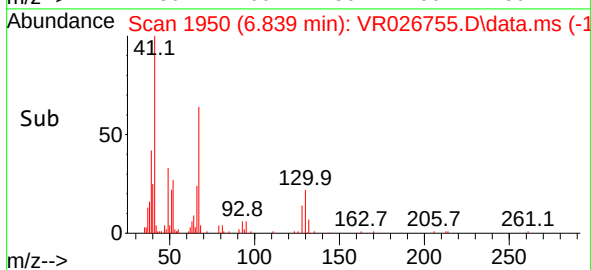
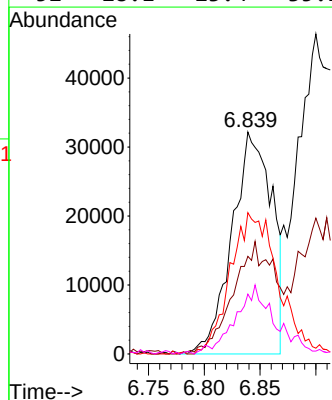
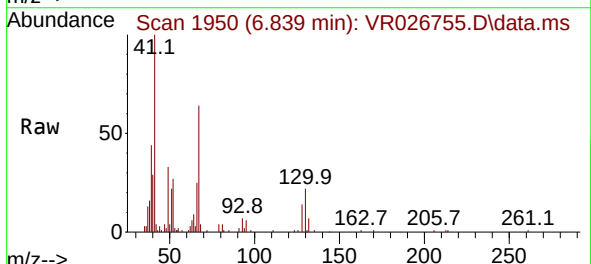
Manual Integrations
APPROVED

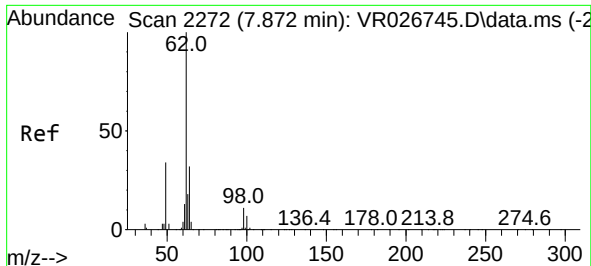
Reviewed By :Semsettin Yesilyurt 08/25/2025
Supervised By :Mahesh Dadoda 08/25/2025



#40
Methacrylonitrile
Concen: 3.945 ug/l
RT: 6.839 min Scan# 1950
Delta R.T. 0.000 min
Lab File: VR026755.D
Acq: 21 Aug 2025 14:15

Tgt Ion: 41 Resp: 79971
Ion Ratio Lower Upper
41 100
39 36.2 43.0 64.4
67 76.0 62.6 94.0
52 28.1 23.4 35.2





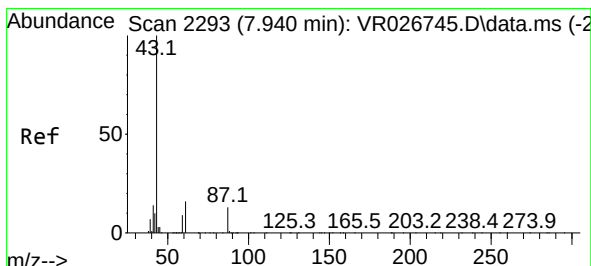
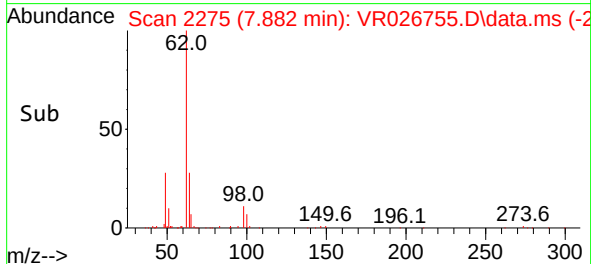
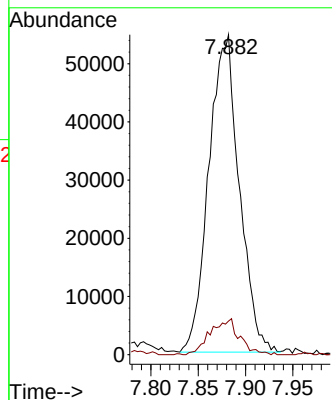
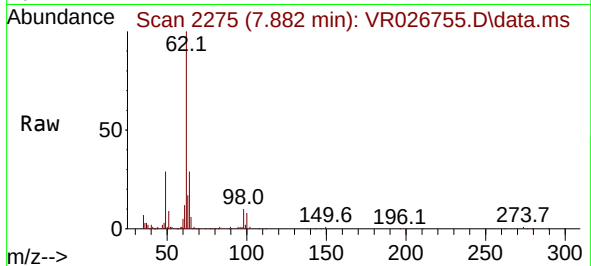
#41
1,2-Dichloroethane
Concen: 4.716 ug/l
RT: 7.882 min Scan# 2195
Delta R.T. 0.010 min
Lab File: VR026755.D
Acq: 21 Aug 2025 14:15

Instrument : MSVOA_R
ClientSampleId : LOQ-WATER-02-QT3-2025

Tgt Ion: 62 Resp: 12195
Ion Ratio Lower Upper
62 100
98 10.8 0.0 21.2

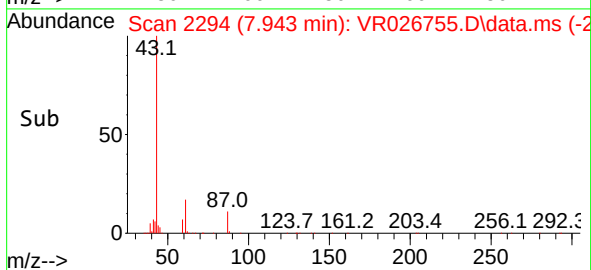
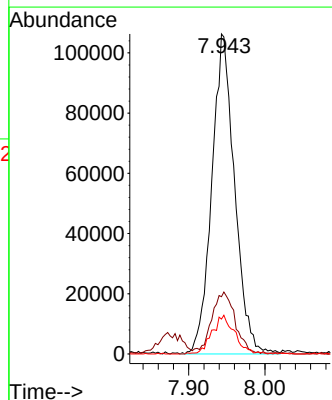
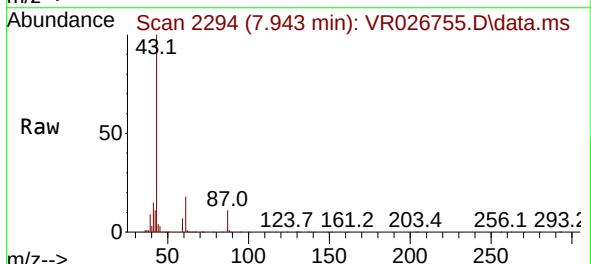
Manual Integrations
APPROVED

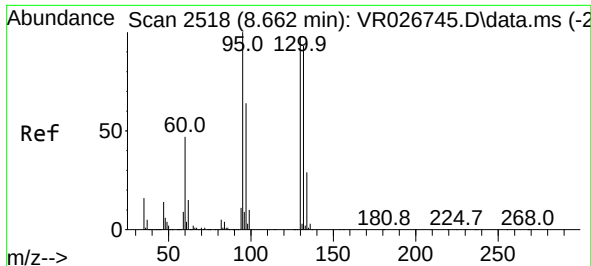
Reviewed By :Semsettin Yesilyurt 08/25/2025
Supervised By :Mahesh Dadoda 08/25/2025



#42
Isopropyl Acetate
Concen: 4.019 ug/l
RT: 7.943 min Scan# 2294
Delta R.T. 0.003 min
Lab File: VR026755.D
Acq: 21 Aug 2025 14:15

Tgt Ion: 43 Resp: 221459
Ion Ratio Lower Upper
43 100
61 19.6 16.8 25.2
87 11.8 10.2 15.4





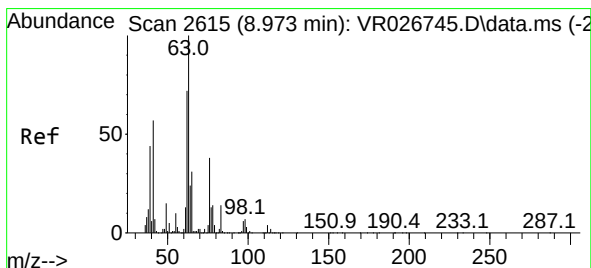
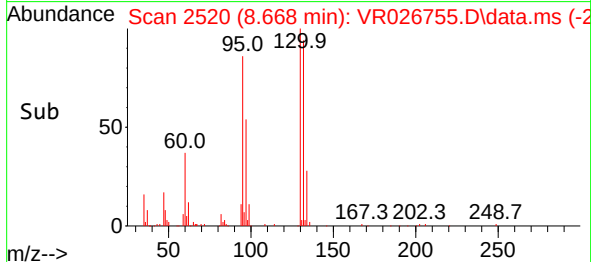
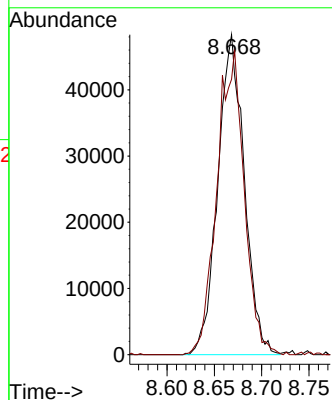
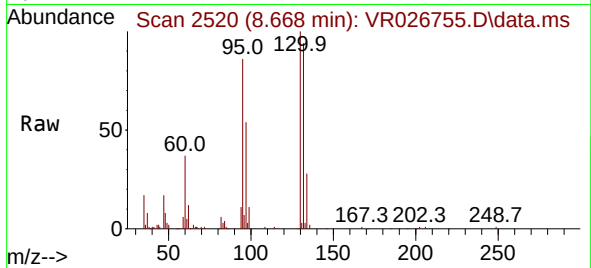
#43
 Trichloroethene
 Concen: 4.619 ug/l
 RT: 8.668 min Scan# 2518
 Delta R.T. 0.006 min
 Lab File: VR026755.D
 Acq: 21 Aug 2025 14:15

Instrument : MSVOA_R
 ClientSampleId : LOQ-WATER-02-QT3-2025

Tgt Ion:130 Resp: 9398
 Ion Ratio Lower Upper
 130 100
 95 86.0 0.0 203.4

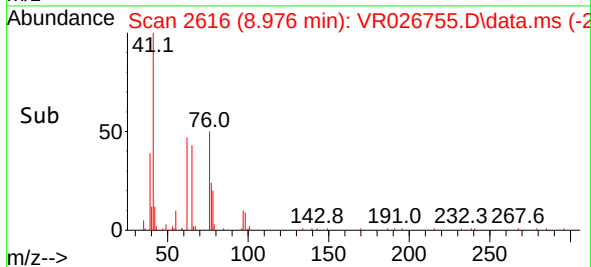
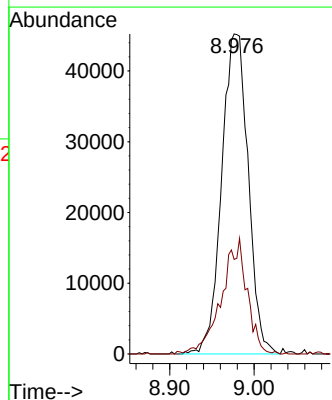
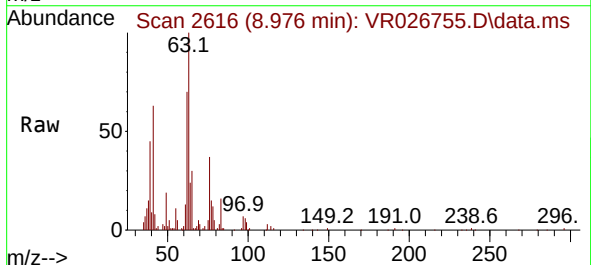
Manual Integrations
 APPROVED

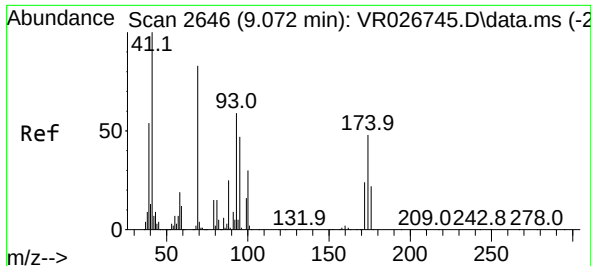
Reviewed By :Semsettin Yesilyurt 08/25/2025
 Supervised By :Mahesh Dadoda 08/25/2025



#44
 1,2-Dichloropropane
 Concen: 4.412 ug/l
 RT: 8.976 min Scan# 2616
 Delta R.T. 0.003 min
 Lab File: VR026755.D
 Acq: 21 Aug 2025 14:15

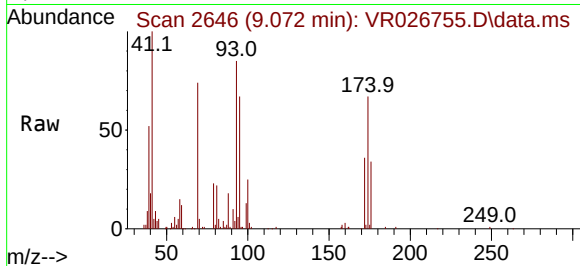
Tgt Ion: 63 Resp: 98504
 Ion Ratio Lower Upper
 63 100
 65 29.6 24.8 37.2





#45
Dibromomethane
Concen: 4.102 ug/l
RT: 9.072 min Scan# 20
Delta R.T. 0.001 min
Lab File: VR026755.D
Acq: 21 Aug 2025 14:15

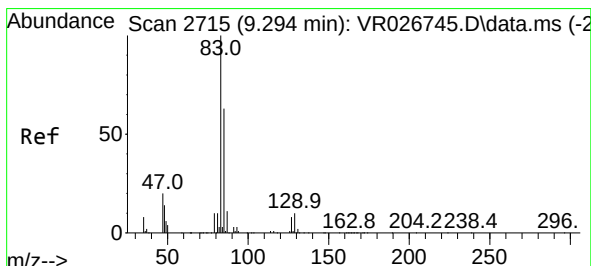
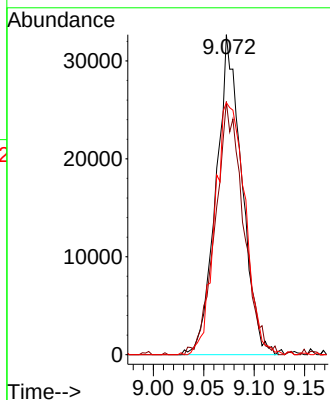
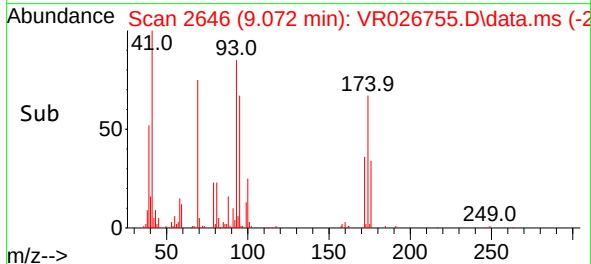
Instrument :
MSVOA_R
ClientSampleId :
LOQ-WATER-02-QT3-2025



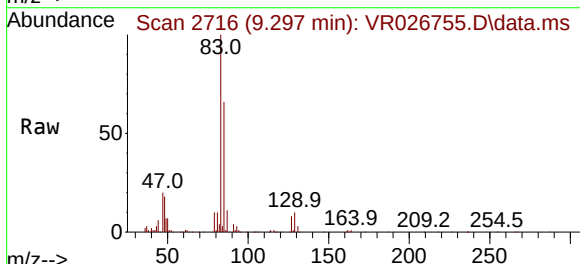
Tgt Ion: 93 Resp: 5818
Ion Ratio Lower Upper
93 100
95 85.7 65.4 98.0
174 91.8 66.5 99.7

Manual Integrations
APPROVED

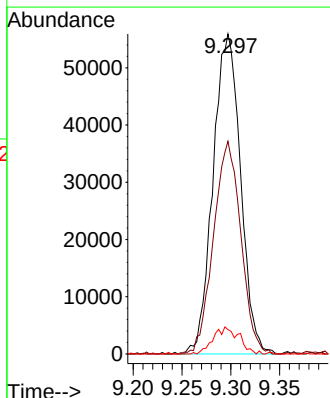
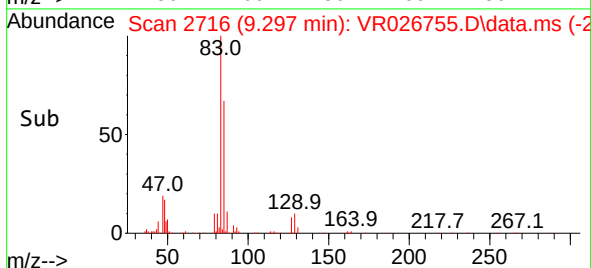
Reviewed By :Semsettin Yesilyurt 08/25/2025
Supervised By :Mahesh Dadoda 08/25/2025

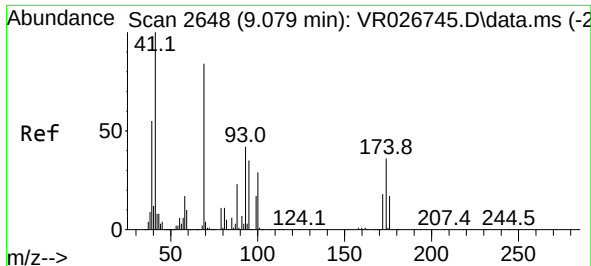


#46
Bromodichloromethane
Concen: 4.147 ug/l
RT: 9.297 min Scan# 2716
Delta R.T. 0.003 min
Lab File: VR026755.D
Acq: 21 Aug 2025 14:15



Tgt Ion: 83 Resp: 109495
Ion Ratio Lower Upper
83 100
85 66.4 50.8 76.2
127 7.6 6.0 9.0





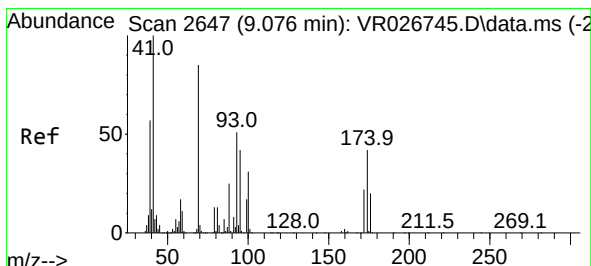
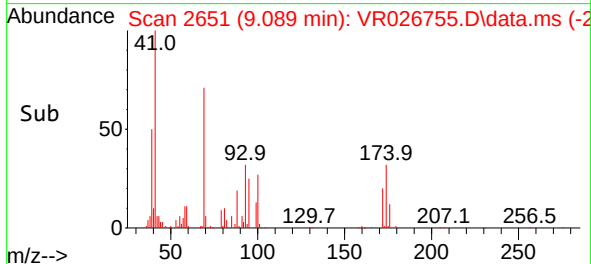
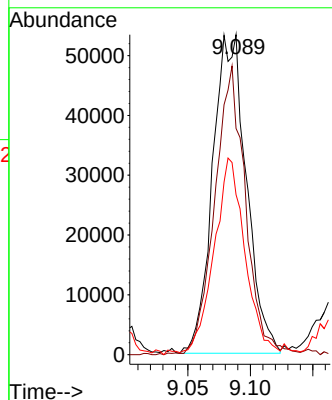
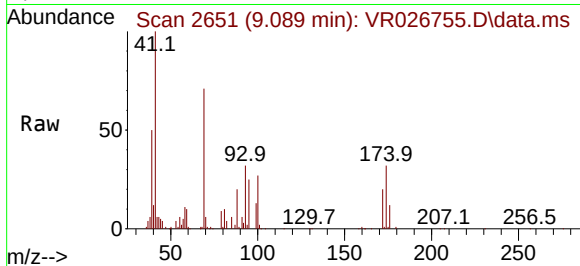
#47
Methyl methacrylate
Concen: 3.712 ug/l
RT: 9.089 min Scan# 2651
Delta R.T. 0.010 min
Lab File: VR026755.D
Acq: 21 Aug 2025 14:15

Instrument : MSVOA_R
ClientSampleId : LOQ-WATER-02-QT3-2025

Tgt Ion: 41 Resp: 99838
Ion Ratio Lower Upper
41 100
69 82.9 66.5 99.7
39 55.3 43.3 64.9

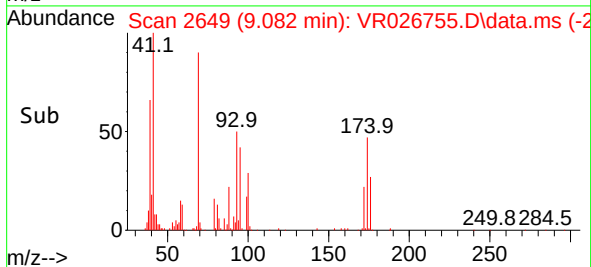
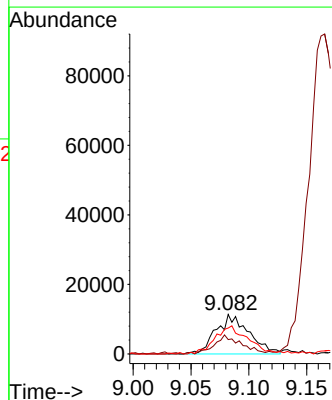
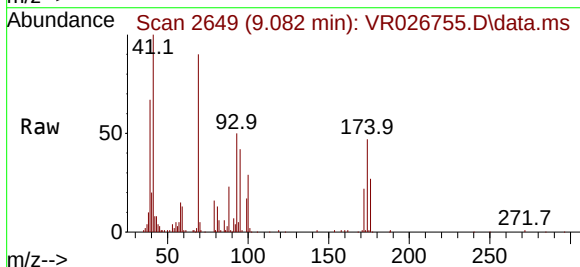
Manual Integrations
APPROVED

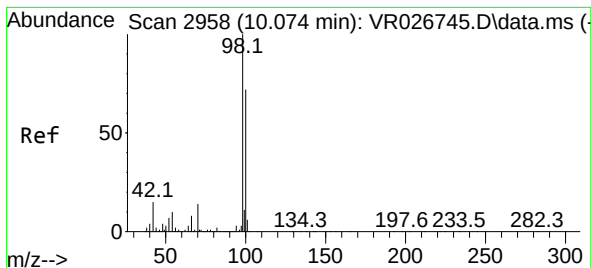
Reviewed By :Semsettin Yesilyurt 08/25/2025
Supervised By :Mahesh Dadoda 08/25/2025



#48
1,4-Dioxane
Concen: 65.138 ug/l
RT: 9.082 min Scan# 2649
Delta R.T. 0.006 min
Lab File: VR026755.D
Acq: 21 Aug 2025 14:15

Tgt Ion: 88 Resp: 22504
Ion Ratio Lower Upper
88 100
43 39.0 27.1 40.7
58 72.1 55.9 83.9





#49

Toluene-d8

Concen: 50.395 ug/l

RT: 10.074 min Scan# 2958

Delta R.T. -0.000 min

Lab File: VR026755.D

Acq: 21 Aug 2025 14:15

Instrument :

MSVOA_R

ClientSampleId :

LOQ-WATER-02-QT3-2025

Tgt Ion: 98 Resp: 3295789

Ion Ratio Lower Upper

98 100

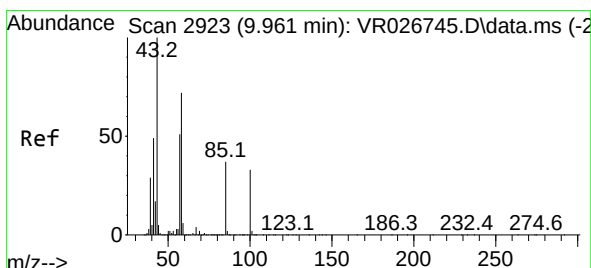
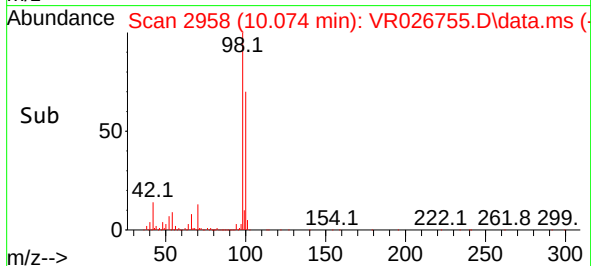
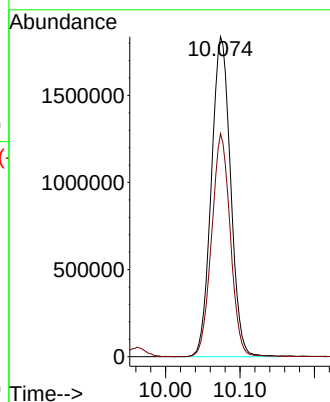
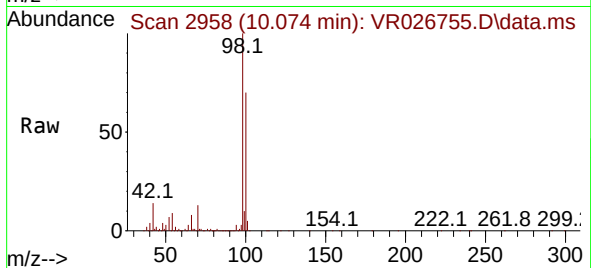
100 67.5 55.7 83.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/25/2025

Supervised By :Mahesh Dadoda 08/25/2025



#50

4-Methyl-2-Pentanone

Concen: 22.576 ug/l

RT: 9.961 min Scan# 2923

Delta R.T. 0.000 min

Lab File: VR026755.D

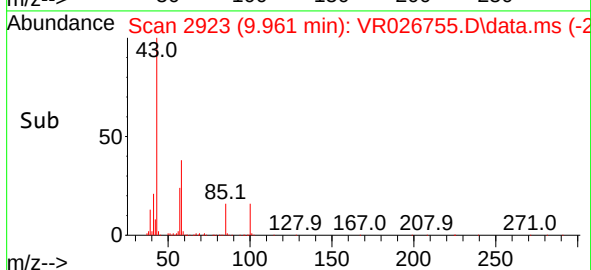
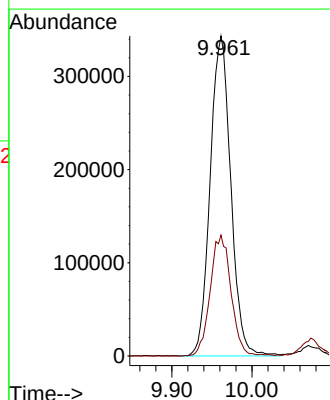
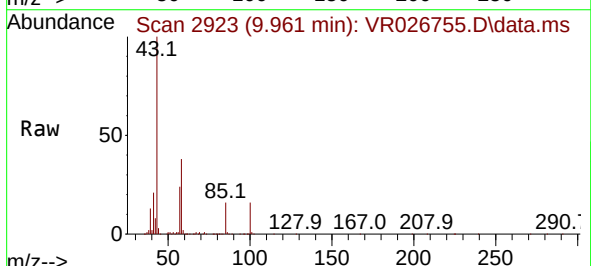
Acq: 21 Aug 2025 14:15

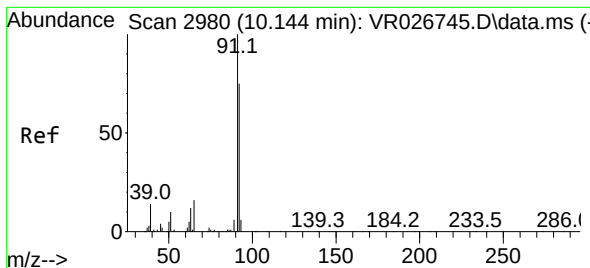
Tgt Ion: 43 Resp: 614983

Ion Ratio Lower Upper

43 100

58 37.8 46.8 70.2





#51

Toluene

Concen: 4.712 ug/l

RT: 10.147 min Scan# 2980

Delta R.T. 0.003 min

Lab File: VR026755.D

Acq: 21 Aug 2025 14:15

Instrument :

MSVOA_R

ClientSampleId :

LOQ-WATER-02-QT3-2025

Tgt Ion: 92 Resp: 250920

Ion Ratio Lower Upper

92 100

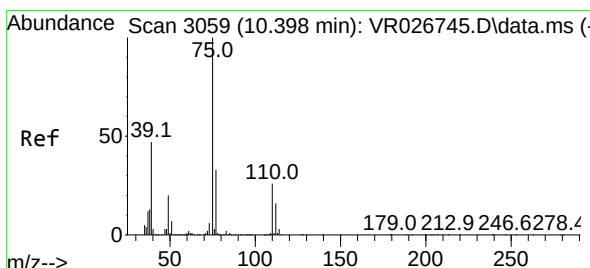
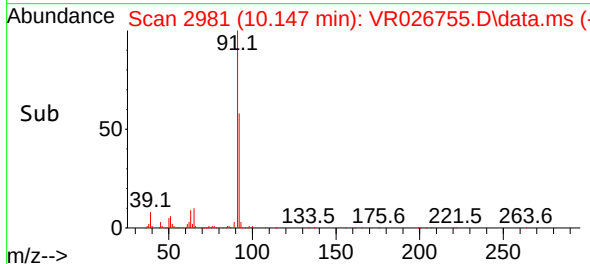
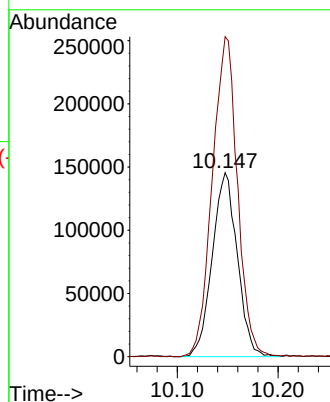
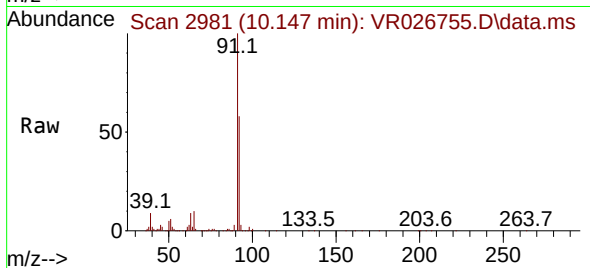
91 174.8 120.1 180.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/25/2025

Supervised By :Mahesh Dadoda 08/25/2025



#52

t-1,3-Dichloropropene

Concen: 3.819 ug/l

RT: 10.404 min Scan# 3061

Delta R.T. 0.006 min

Lab File: VR026755.D

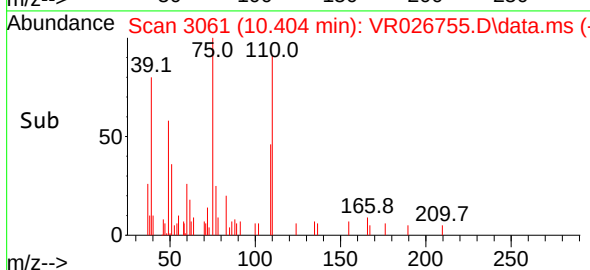
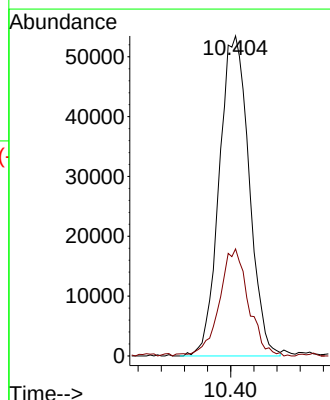
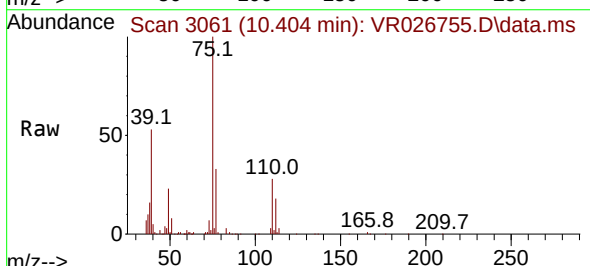
Acq: 21 Aug 2025 14:15

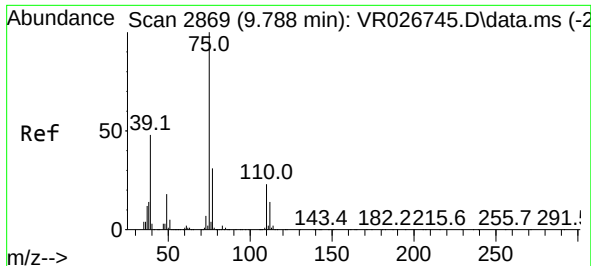
Tgt Ion: 75 Resp: 95487

Ion Ratio Lower Upper

75 100

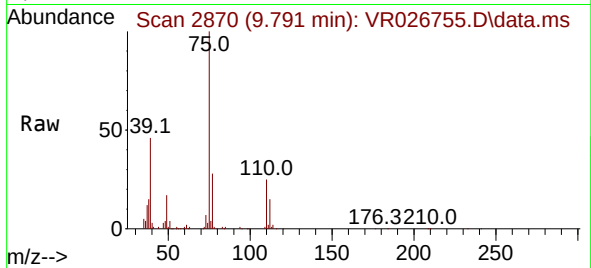
77 32.8 26.2 39.4





#53
cis-1,3-Dichloropropene
Concen: 4.049 ug/l
RT: 9.791 min Scan# 2870
Delta R.T. 0.003 min
Lab File: VR026755.D
Acq: 21 Aug 2025 14:15

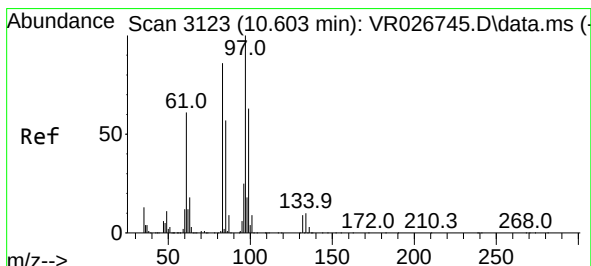
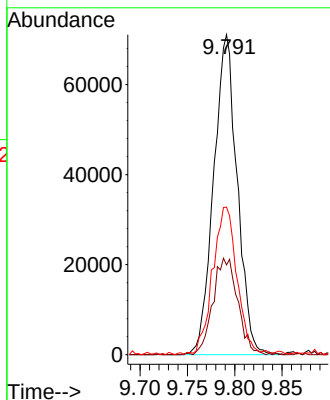
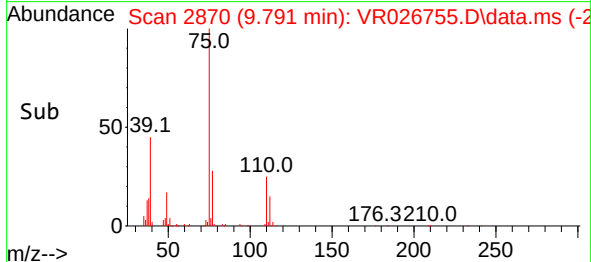
Instrument : MSVOA_R
ClientSampleId : LOQ-WATER-02-QT3-2025



Tgt Ion: 75 Resp: 122819
Ion Ratio Lower Upper
75 100
77 28.0 25.1 37.7
39 45.7 38.5 57.7

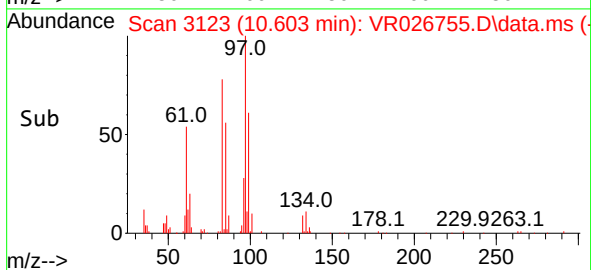
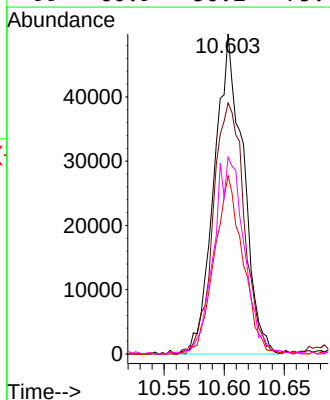
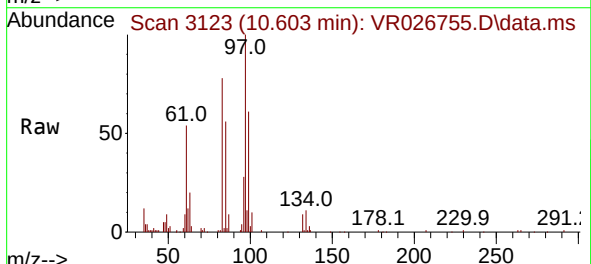
Manual Integrations
APPROVED

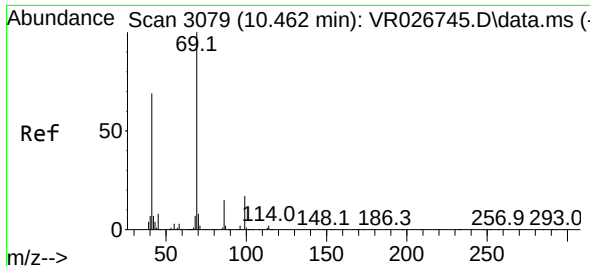
Reviewed By :Semsettin Yesilyurt 08/25/2025
Supervised By :Mahesh Dadoda 08/25/2025



#54
1,1,2-Trichloroethane
Concen: 4.410 ug/l
RT: 10.603 min Scan# 3123
Delta R.T. 0.000 min
Lab File: VR026755.D
Acq: 21 Aug 2025 14:15

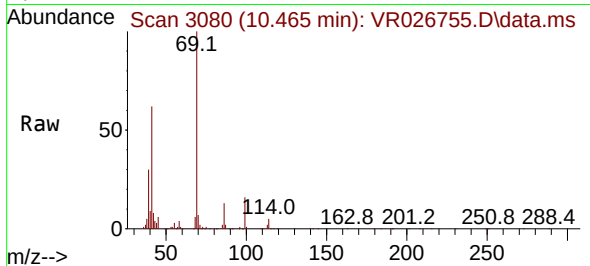
Tgt Ion: 97 Resp: 83361
Ion Ratio Lower Upper
97 100
83 78.4 68.9 103.3
85 55.7 45.3 67.9
99 60.9 50.2 75.4





#55
Ethyl methacrylate
Concen: 3.971 ug/l
RT: 10.465 min Scan# 3079
Delta R.T. 0.003 min
Lab File: VR026755.D
Acq: 21 Aug 2025 14:15

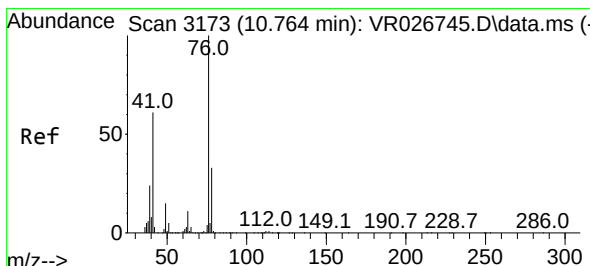
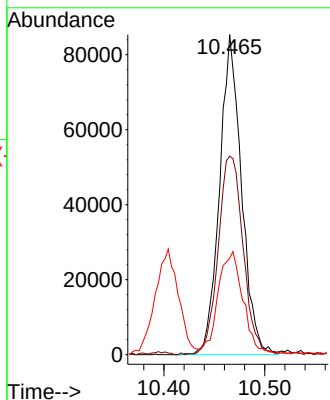
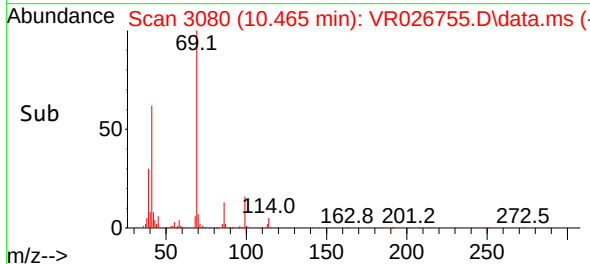
Instrument : MSVOA_R
ClientSampleId :
LOQ-WATER-02-QT3-2025



Tgt Ion: 69 Resp: 129124
Ion Ratio Lower Upper
69 100
41 69.5 55.6 83.4
39 35.8 29.2 43.8

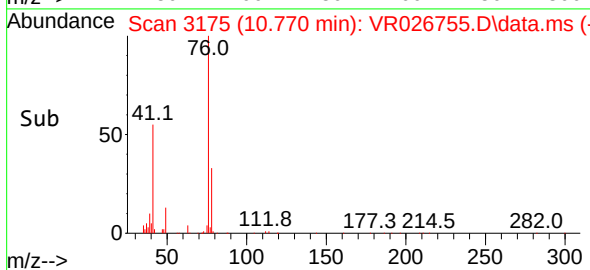
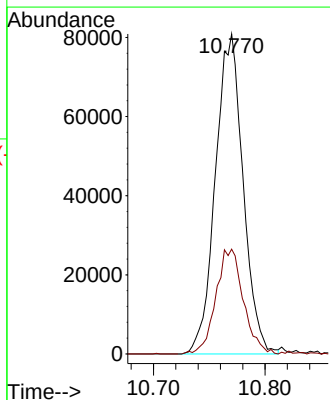
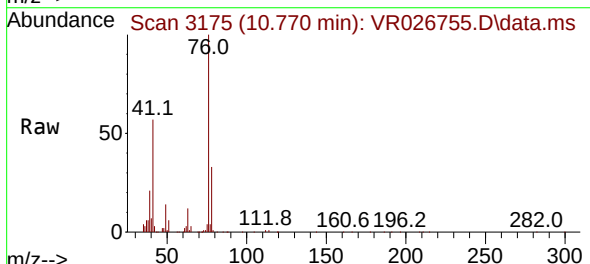
Manual Integrations
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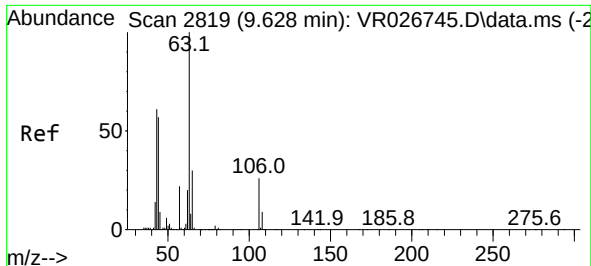
Reviewed By :Semsettin Yesilyurt 08/25/2025
Supervised By :Mahesh Dadoda 08/25/2025



#56
1,3-Dichloropropane
Concen: 4.376 ug/l
RT: 10.770 min Scan# 3175
Delta R.T. 0.006 min
Lab File: VR026755.D
Acq: 21 Aug 2025 14:15

Tgt Ion: 76 Resp: 139419
Ion Ratio Lower Upper
76 100
78 32.5 25.9 38.9





#57

2-Chloroethyl Vinyl ether

Concen: 7.182 ug/l m

RT: 9.640 min Scan# 2819

Delta R.T. 0.012 min

Lab File: VR026755.D

Acq: 21 Aug 2025 14:15

Instrument :

MSVOA_R

ClientSampleId :

LOQ-WATER-02-QT3-2025

Tgt Ion: 63 Resp: 1251

Ion Ratio Lower Upper

63 100

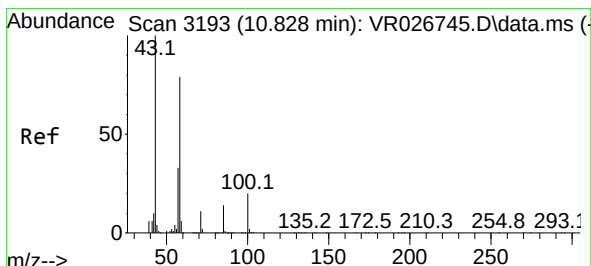
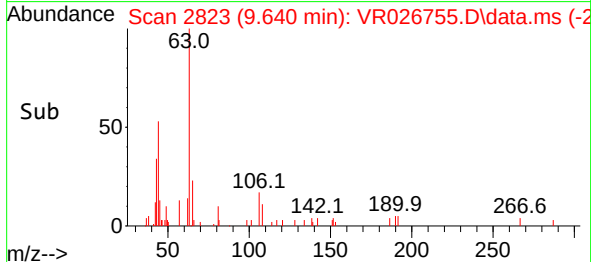
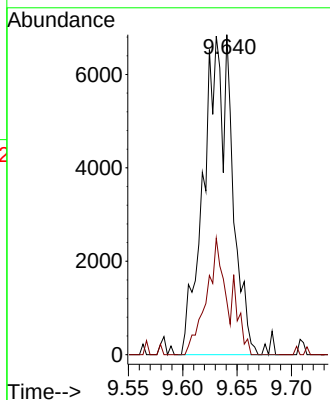
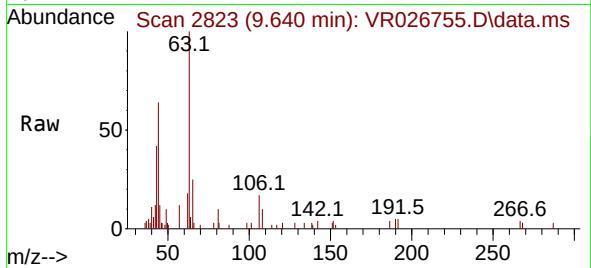
106 22.8 21.5 32.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/25/2025

Supervised By :Mahesh Dadoda 08/25/2025



#58

2-Hexanone

Concen: 19.996 ug/l

RT: 10.828 min Scan# 3193

Delta R.T. -0.000 min

Lab File: VR026755.D

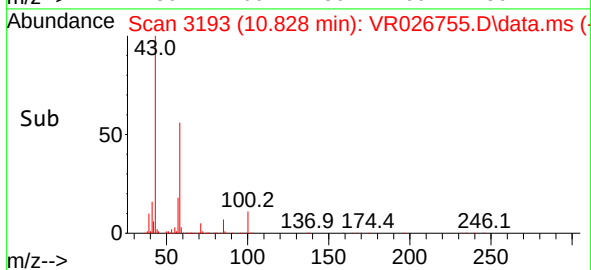
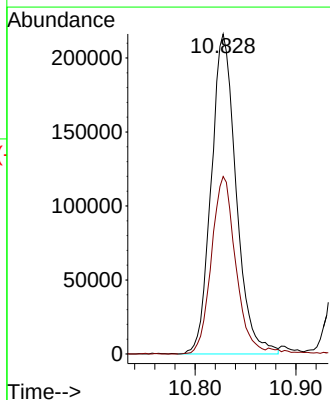
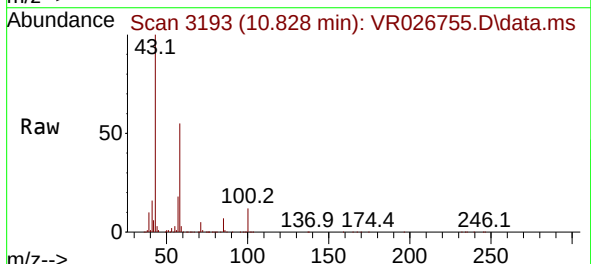
Acq: 21 Aug 2025 14:15

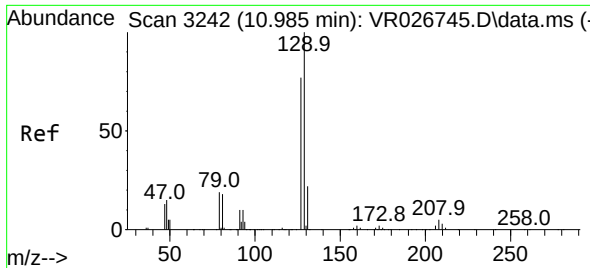
Tgt Ion: 43 Resp: 372303

Ion Ratio Lower Upper

43 100

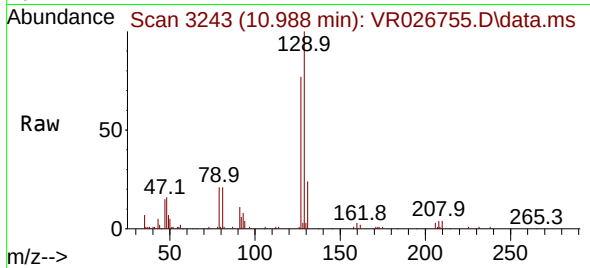
58 53.6 34.0 102.0





#59
 Dibromochloromethane
 Concen: 3.907 ug/l
 RT: 10.988 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: VR026755.D
 Acq: 21 Aug 2025 14:15

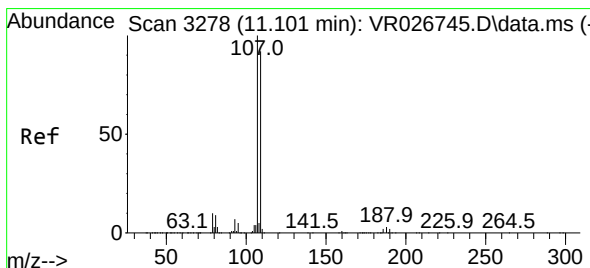
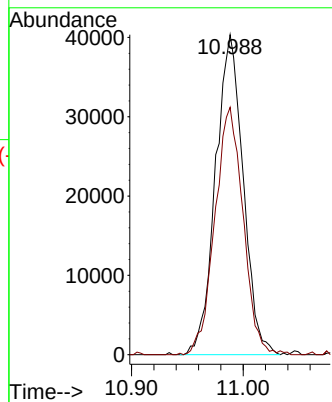
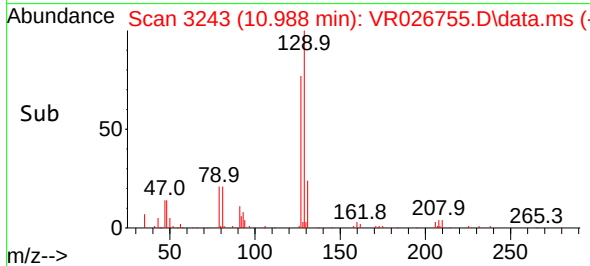
Instrument :
 MSVOA_R
 ClientSampleId :
 LOQ-WATER-02-QT3-2025



Tgt Ion:129 Resp: 6946
 Ion Ratio Lower Upper
 129 100
 127 79.1 38.9 116.7

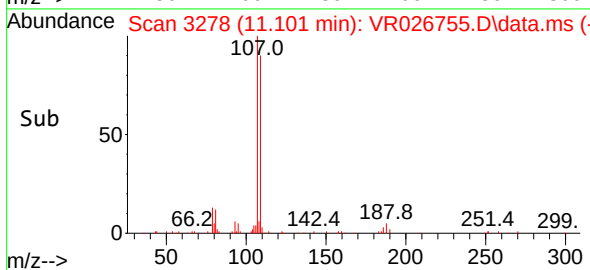
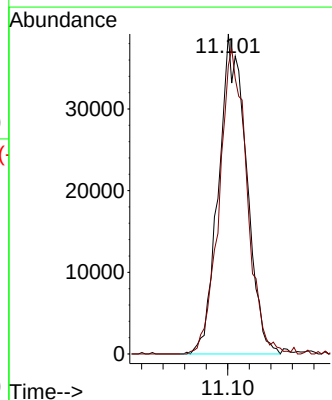
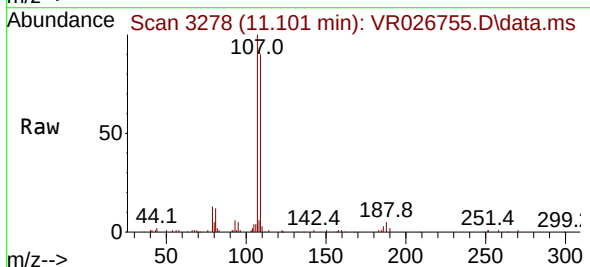
Manual Integrations
 APPROVED

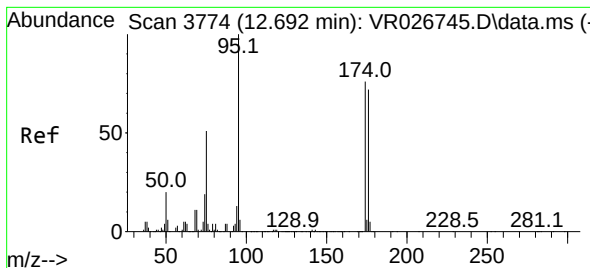
Reviewed By :Semsettin Yesilyurt 08/25/2025
 Supervised By :Mahesh Dadoda 08/25/2025



#60
 1,2-Dibromoethane
 Concen: 4.115 ug/l
 RT: 11.101 min Scan# 3278
 Delta R.T. 0.000 min
 Lab File: VR026755.D
 Acq: 21 Aug 2025 14:15

Tgt Ion:107 Resp: 70297
 Ion Ratio Lower Upper
 107 100
 109 94.9 74.3 111.5





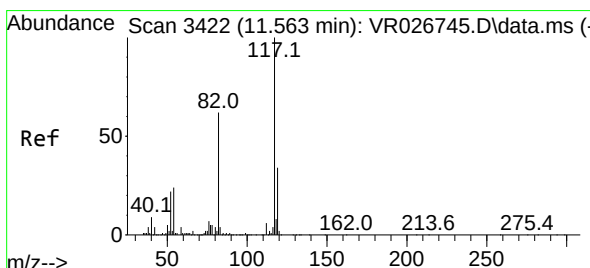
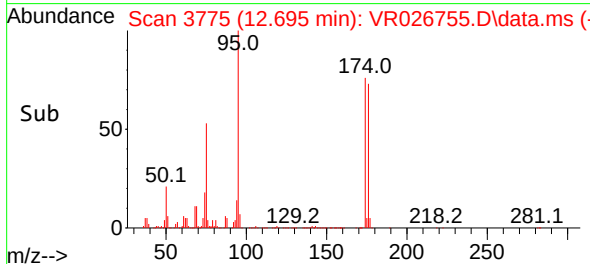
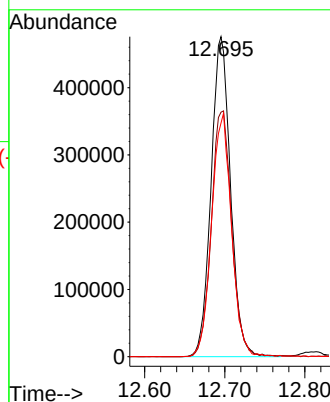
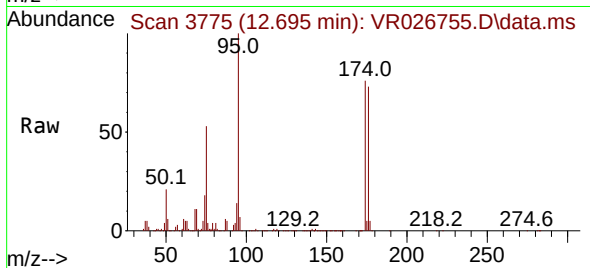
#61
4-Bromofluorobenzene
Concen: 43.198 ug/l
RT: 12.695 min Scan# 31
Delta R.T. 0.003 min
Lab File: VR026755.D
Acq: 21 Aug 2025 14:15

Instrument :
MSVOA_R
ClientSampleId :
LOQ-WATER-02-QT3-2025

Tgt Ion: 95 Resp: 80158
Ion Ratio Lower Upper
95 100
174 80.4 0.0 156.6
176 77.2 0.0 150.2

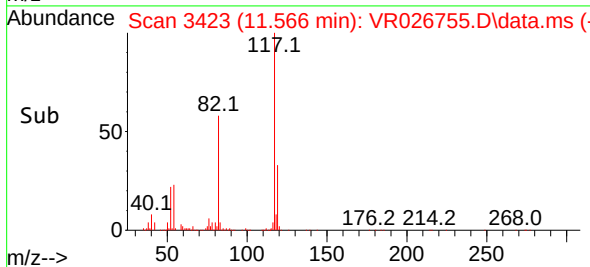
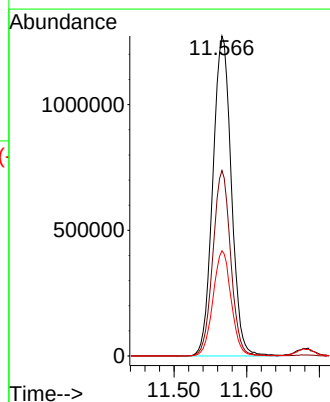
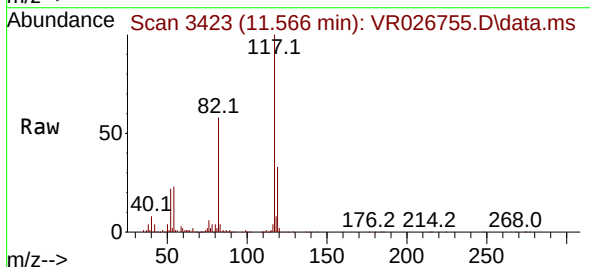
Manual Integrations
APPROVED

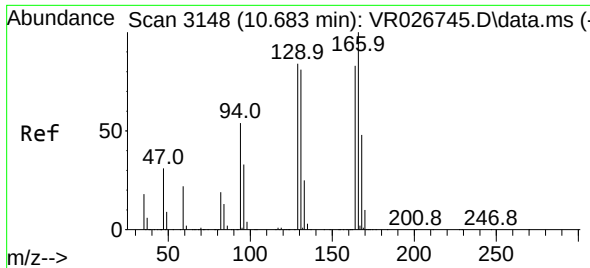
Reviewed By :Semsettin Yesilyurt 08/25/2025
Supervised By :Mahesh Dadoda 08/25/2025



#62
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.566 min Scan# 3423
Delta R.T. 0.003 min
Lab File: VR026755.D
Acq: 21 Aug 2025 14:15

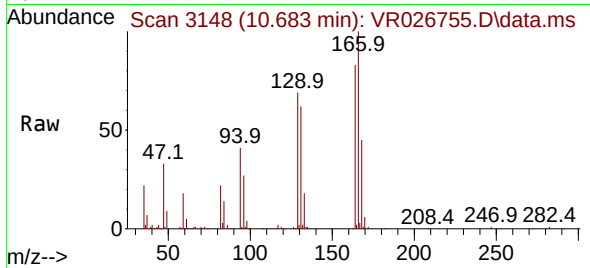
Tgt Ion:117 Resp: 2251687
Ion Ratio Lower Upper
117 100
82 57.9 49.9 74.9
119 32.9 27.4 41.2





#63
Tetrachloroethene
Concen: 5.035 ug/l
RT: 10.683 min Scan# 3148
Delta R.T. 0.000 min
Lab File: VR026755.D
Acq: 21 Aug 2025 14:15

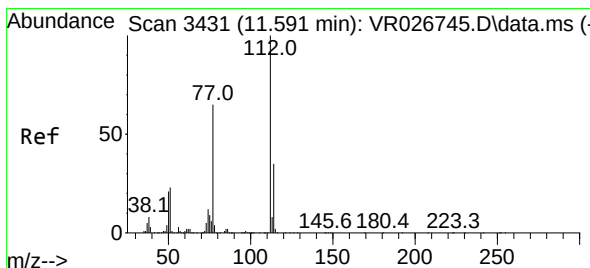
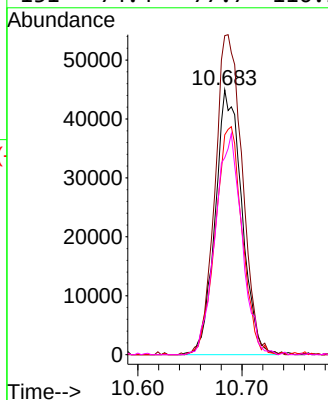
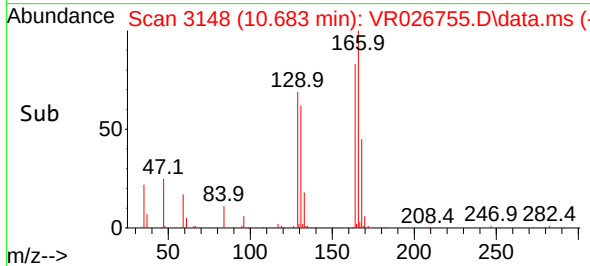
Instrument : MSVOA_R
ClientSampleId :
LOQ-WATER-02-QT3-2025



Tgt Ion:164 Resp: 79652
Ion Ratio Lower Upper
164 100
166 120.5 95.9 143.9
129 83.0 80.2 120.2
131 74.4 77.7 116.5#

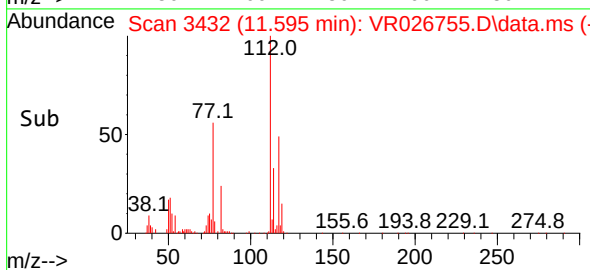
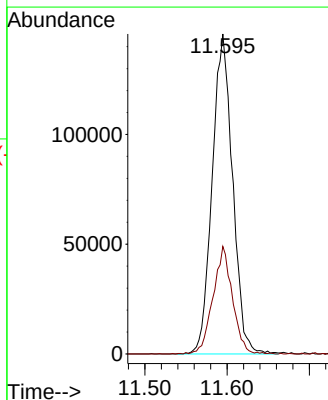
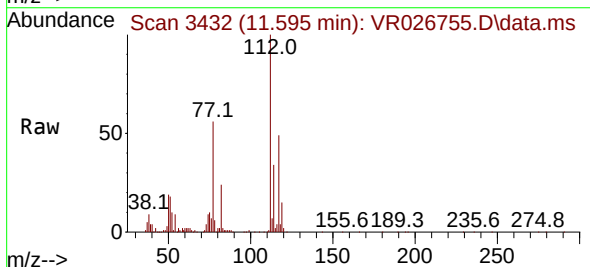
Manual Integrations
APPROVED

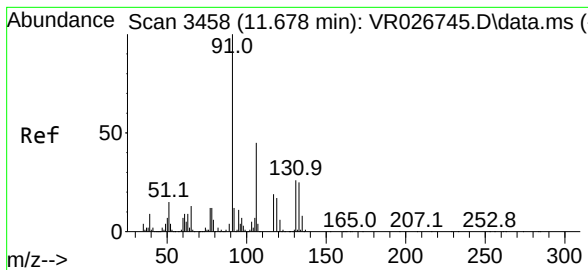
Reviewed By :Semsettin Yesilyurt 08/25/2025
Supervised By :Mahesh Dadoda 08/25/2025



#64
Chlorobenzene
Concen: 5.017 ug/l
RT: 11.595 min Scan# 3432
Delta R.T. 0.003 min
Lab File: VR026755.D
Acq: 21 Aug 2025 14:15

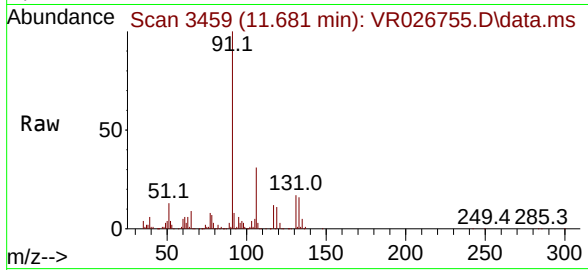
Tgt Ion:112 Resp: 251380
Ion Ratio Lower Upper
112 100
114 33.6 28.0 42.0





#65
1,1,1,2-Tetrachloroethane
Concen: 4.013 ug/l
RT: 11.681 min Scan# 3458
Delta R.T. 0.003 min
Lab File: VR026755.D
Acq: 21 Aug 2025 14:15

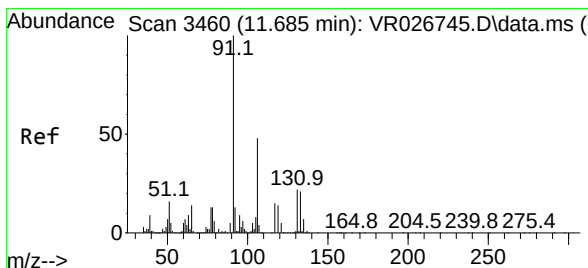
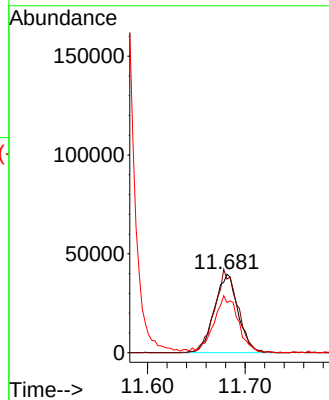
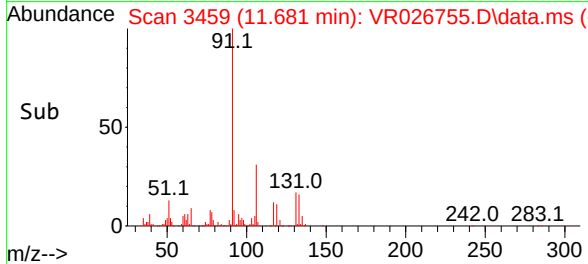
Instrument : MSVOA_R
ClientSampleId : LOQ-WATER-02-QT3-2025



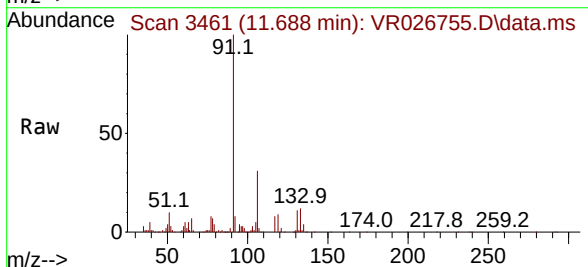
Tgt Ion:131 Resp: 67511
Ion Ratio Lower Upper
131 100
133 101.1 47.3 141.8
119 74.1 33.9 101.7

Manual Integrations
APPROVED

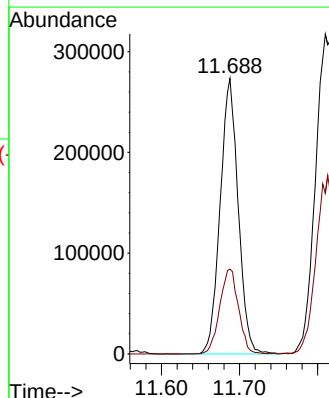
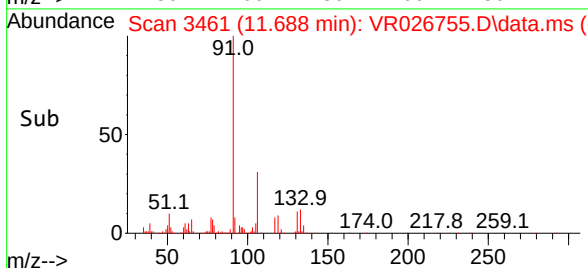
Reviewed By :Semsettin Yesilyurt 08/25/2025
Supervised By :Mahesh Dadoda 08/25/2025

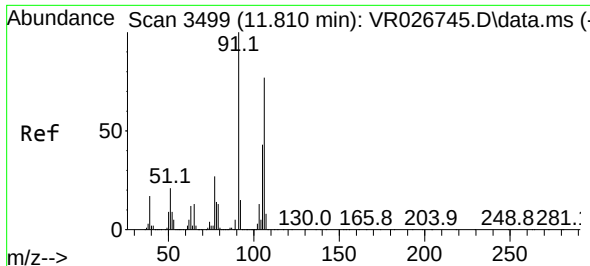


#66
Ethyl Benzene
Concen: 5.245 ug/l
RT: 11.688 min Scan# 3461
Delta R.T. 0.003 min
Lab File: VR026755.D
Acq: 21 Aug 2025 14:15



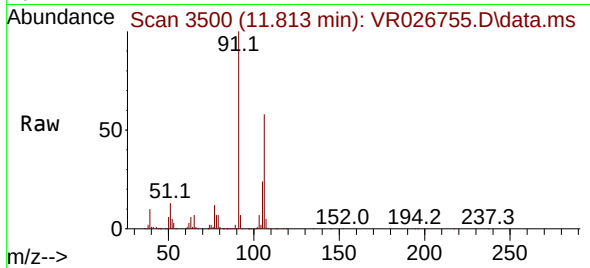
Tgt Ion: 91 Resp: 439388
Ion Ratio Lower Upper
91 100
106 30.7 38.7 58.1#





#67
m/p-Xylenes
Concen: 9.776 ug/l
RT: 11.813 min Scan# 3499
Delta R.T. 0.003 min
Lab File: VR026755.D
Acq: 21 Aug 2025 14:15

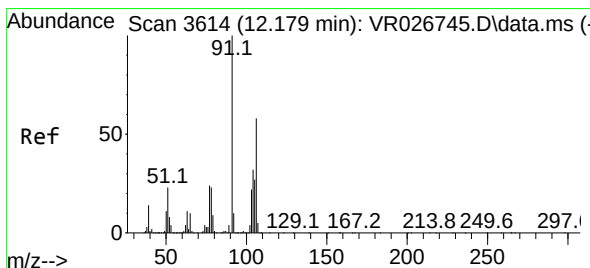
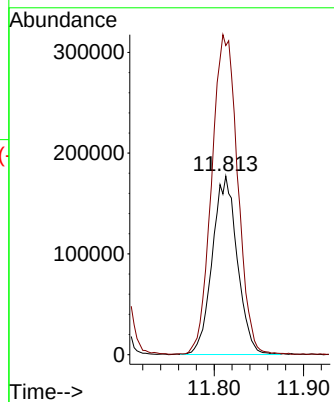
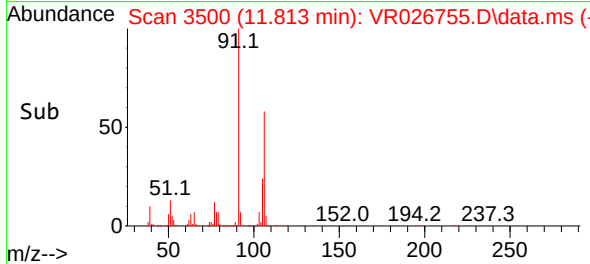
Instrument : MSVOA_R
ClientSampleId : LOQ-WATER-02-QT3-2025



Tgt Ion:106 Resp: 342719
Ion Ratio Lower Upper
106 100
91 187.3 121.6 182.4

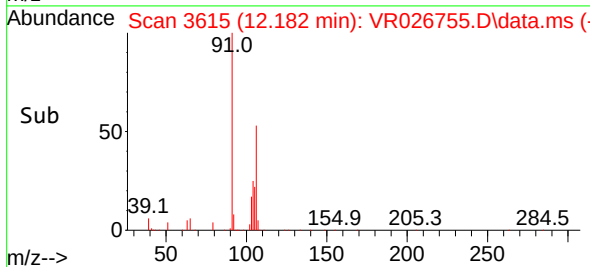
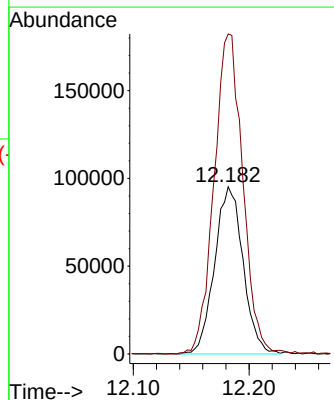
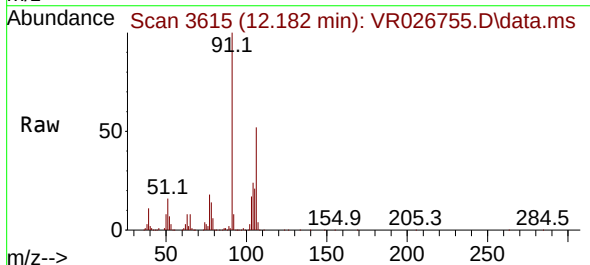
Manual Integrations
APPROVED

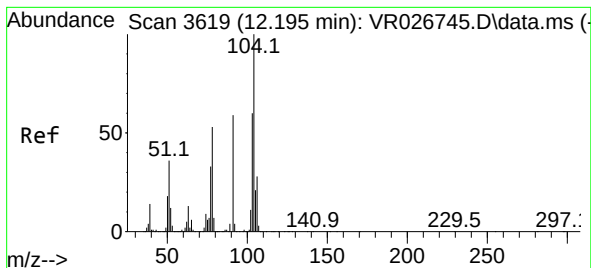
Reviewed By :Semsettin Yesilyurt 08/25/2025
Supervised By :Mahesh Dadoda 08/25/2025



#68
o-Xylene
Concen: 4.569 ug/l
RT: 12.182 min Scan# 3615
Delta R.T. 0.003 min
Lab File: VR026755.D
Acq: 21 Aug 2025 14:15

Tgt Ion:106 Resp: 162287
Ion Ratio Lower Upper
106 100
91 193.2 93.7 281.1





#69

Styrene

Concen: 4.558 ug/l

RT: 12.201 min Scan# 3621

Delta R.T. 0.006 min

Lab File: VR026755.D

Acq: 21 Aug 2025 14:15

Instrument :

MSVOA_R

ClientSampleId :

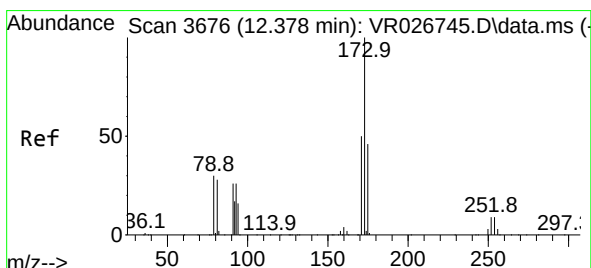
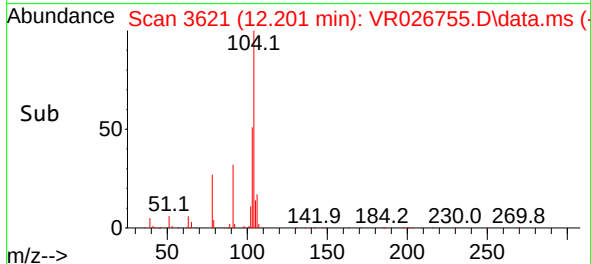
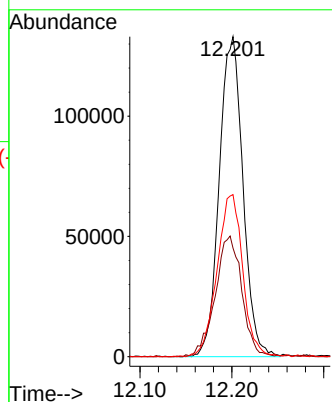
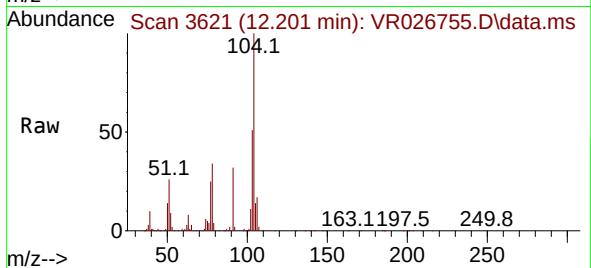
LOQ-WATER-02-QT3-2025

Tgt Ion:104 Resp: 23824
 Ion Ratio Lower Upper
 104 100
 78 42.2 42.5 63.7
 103 54.9 47.5 71.3

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 08/25/2025
 Supervised By :Mahesh Dadoda 08/25/2025



#70

Bromoform

Concen: 3.545 ug/l

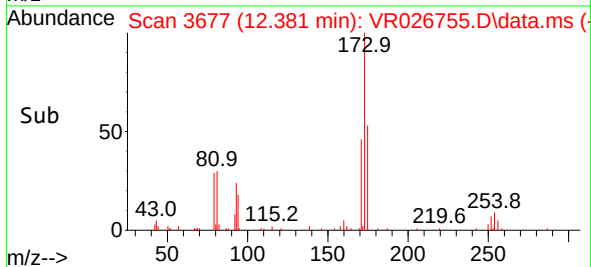
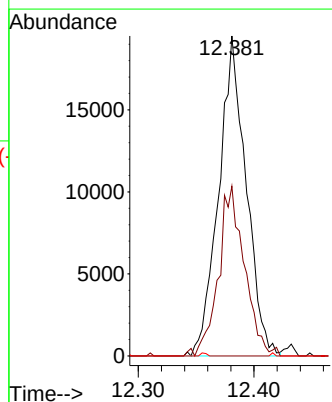
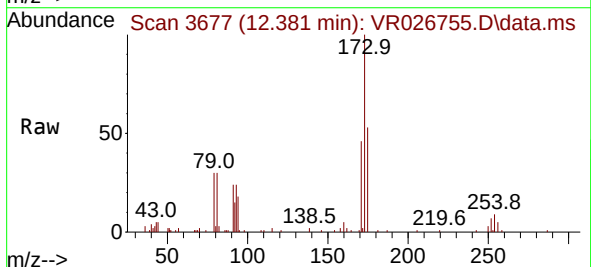
RT: 12.381 min Scan# 3677

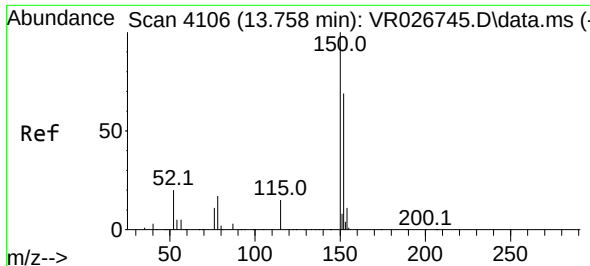
Delta R.T. 0.003 min

Lab File: VR026755.D

Acq: 21 Aug 2025 14:15

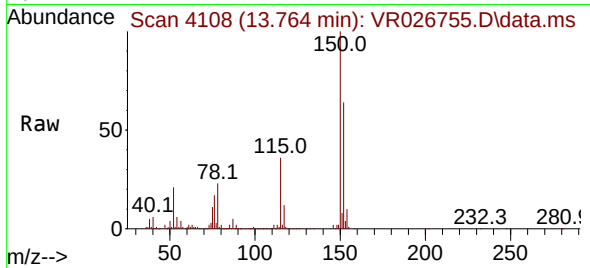
Tgt Ion:173 Resp: 32161
 Ion Ratio Lower Upper
 173 100
 175 50.3 23.8 71.4
 254 0.0 0.0 0.0





#71
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.764 min Scan# 4106
Delta R.T. 0.006 min
Lab File: VR026755.D
Acq: 21 Aug 2025 14:15

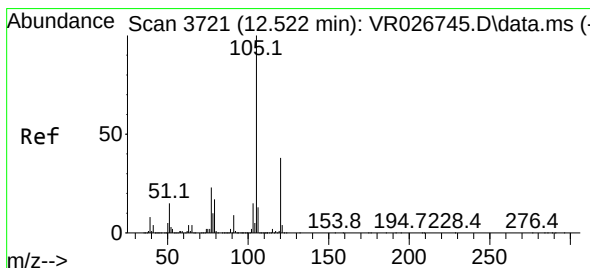
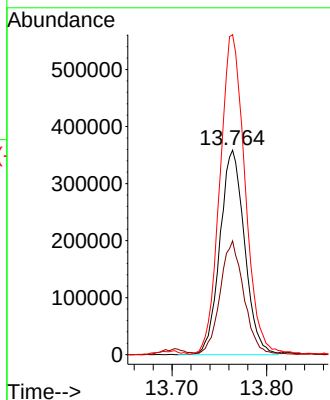
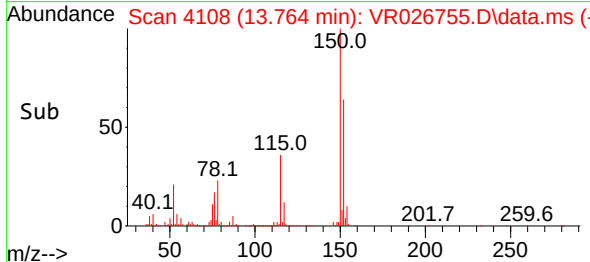
Instrument : MSVOA_R
ClientSampleId : LOQ-WATER-02-QT3-2025



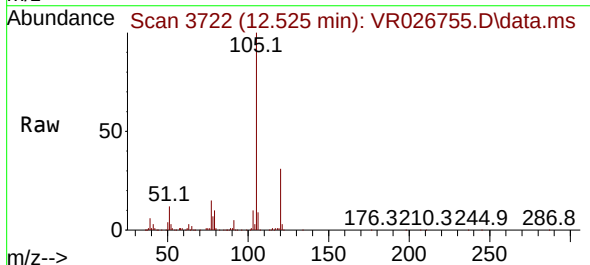
Tgt Ion:152 Resp: 647719
Ion Ratio Lower Upper
152 100
115 53.5 28.5 85.5
150 159.4 0.0 352.0

Manual Integrations
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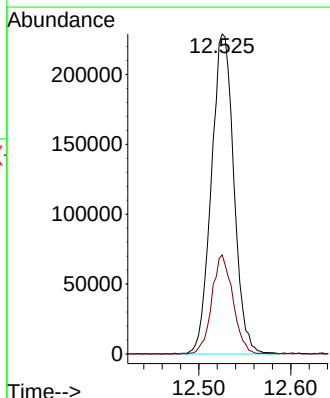
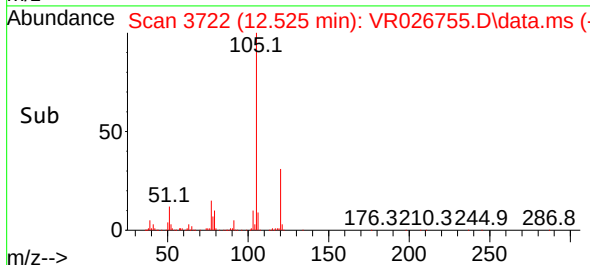
Reviewed By :Semsettin Yesilyurt 08/25/2025
Supervised By :Mahesh Dadoda 08/25/2025

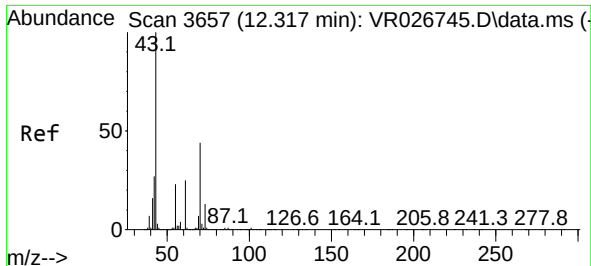


#72
Isopropylbenzene
Concen: 5.538 ug/l
RT: 12.525 min Scan# 3722
Delta R.T. 0.003 min
Lab File: VR026755.D
Acq: 21 Aug 2025 14:15



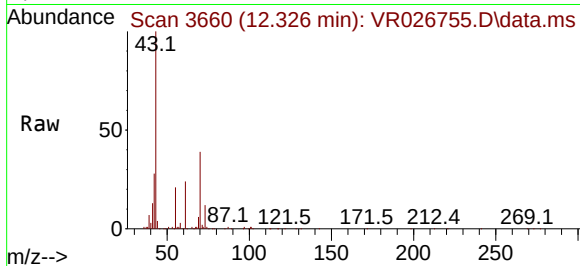
Tgt Ion:105 Resp: 389366
Ion Ratio Lower Upper
105 100
120 29.1 16.4 49.2





#73
N-amy1 acetate
Concen: 3.721 ug/l
RT: 12.326 min Scan# 30
Delta R.T. 0.010 min
Lab File: VR026755.D
Acq: 21 Aug 2025 14:15

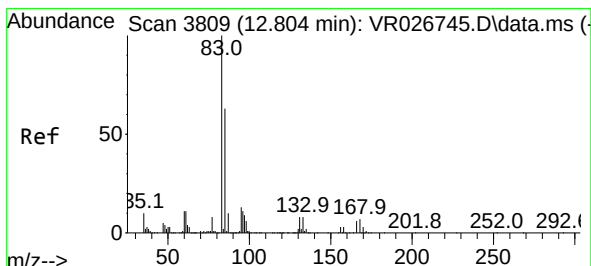
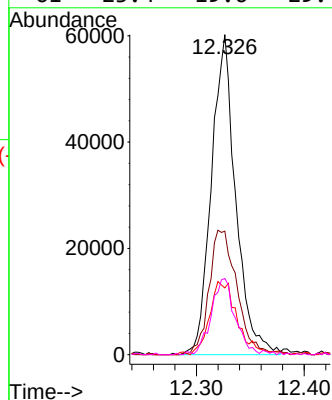
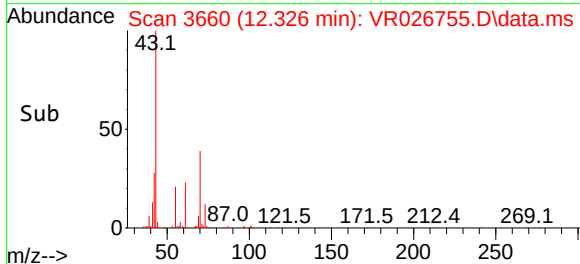
Instrument :
MSVOA_R
ClientSampleId :
LOQ-WATER-02-QT3-2025



Tgt Ion: 43 Resp: 9445
Ion Ratio Lower Upper
43 100
70 44.1 34.1 51.1
55 26.0 18.1 27.1
61 23.4 19.6 29.4

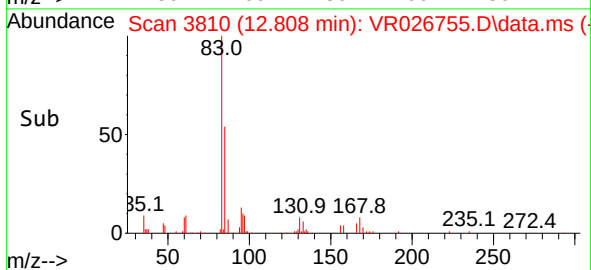
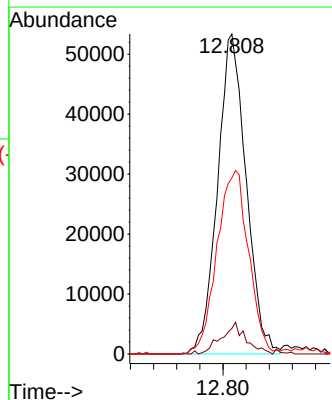
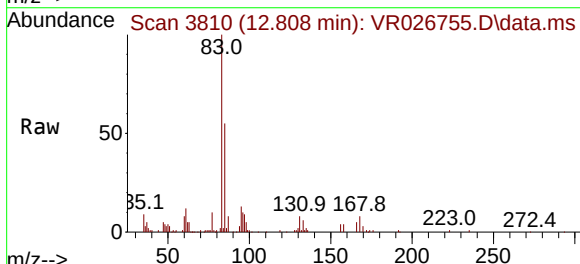
Manual Integrations
APPROVED

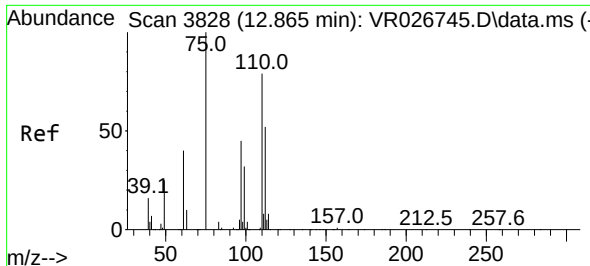
Reviewed By :Semsettin Yesilyurt 08/25/2025
Supervised By :Mahesh Dadoda 08/25/2025



#74
1,1,2,2-Tetrachloroethane
Concen: 4.549 ug/l
RT: 12.808 min Scan# 3810
Delta R.T. 0.003 min
Lab File: VR026755.D
Acq: 21 Aug 2025 14:15

Tgt Ion: 83 Resp: 91564
Ion Ratio Lower Upper
83 100
131 8.3 4.6 13.8
85 63.4 31.7 95.1





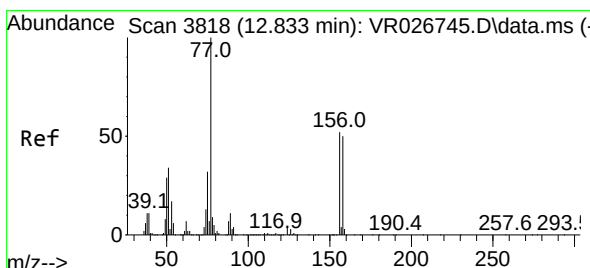
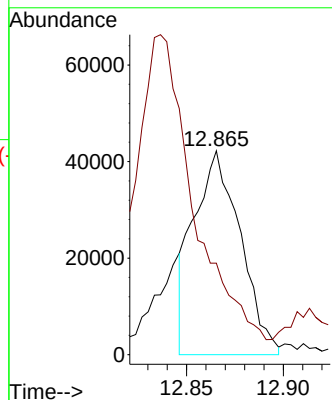
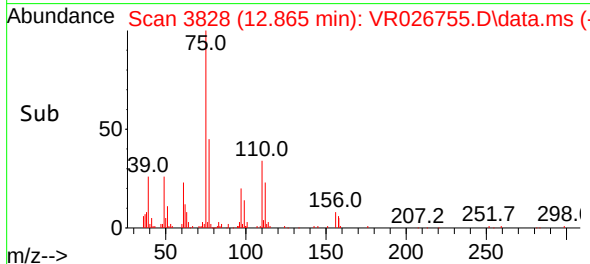
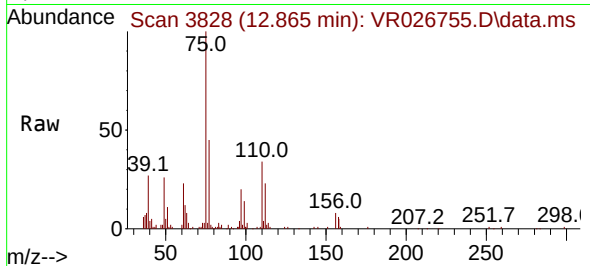
#75
1,2,3-Trichloropropane
Concen: 4.421 ug/l m
RT: 12.865 min Scan# 3828
Delta R.T. 0.000 min
Lab File: VR026755.D
Acq: 21 Aug 2025 14:15

Instrument : MSVOA_R
ClientSampleId : LOQ-WATER-02-QT3-2025

Tgt Ion: 75 Resp: 7058
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

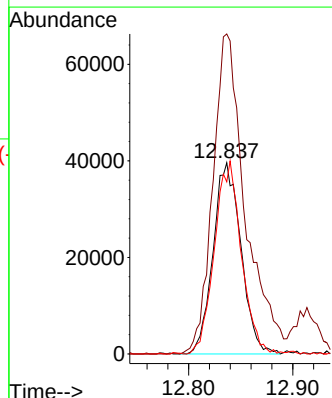
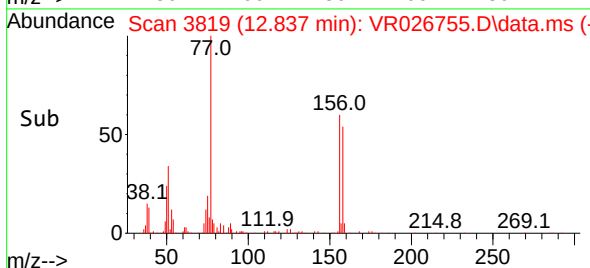
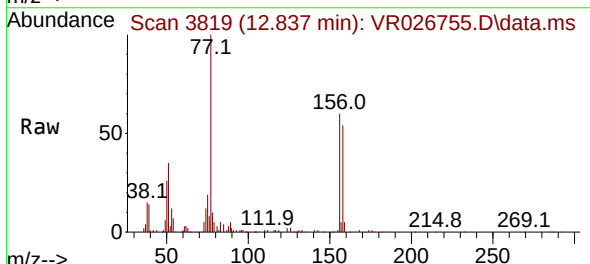
Manual Integrations
APPROVED

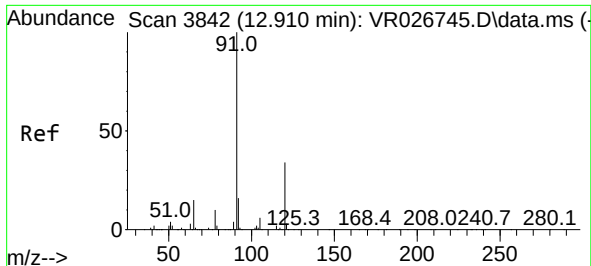
Reviewed By :Semsettin Yesilyurt 08/25/2025
Supervised By :Mahesh Dadoda 08/25/2025



#76
Bromobenzene
Concen: 4.775 ug/l
RT: 12.837 min Scan# 3819
Delta R.T. 0.003 min
Lab File: VR026755.D
Acq: 21 Aug 2025 14:15

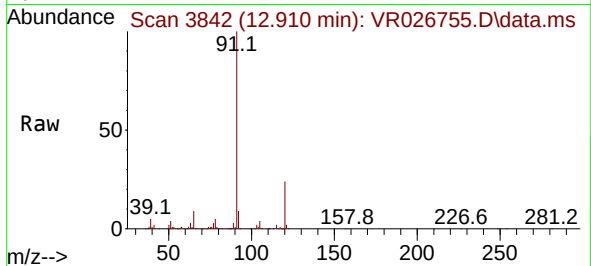
Tgt Ion:156 Resp: 73485
Ion Ratio Lower Upper
156 100
77 195.0 109.8 329.4
158 97.7 47.5 142.6





#77
n-propylbenzene
Concen: 5.472 ug/l
RT: 12.910 min Scan# 3842
Delta R.T. 0.000 min
Lab File: VR026755.D
Acq: 21 Aug 2025 14:15

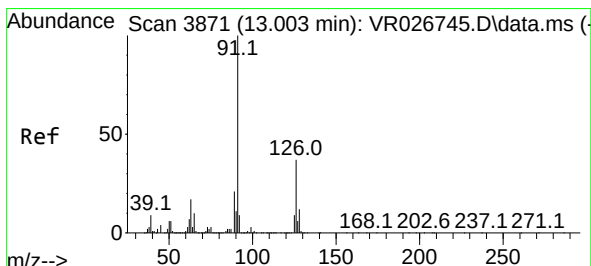
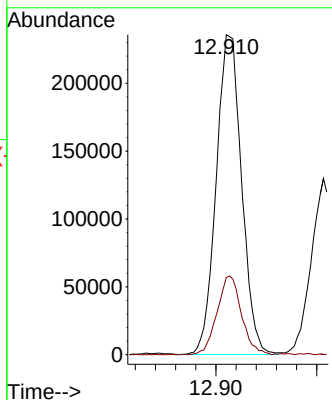
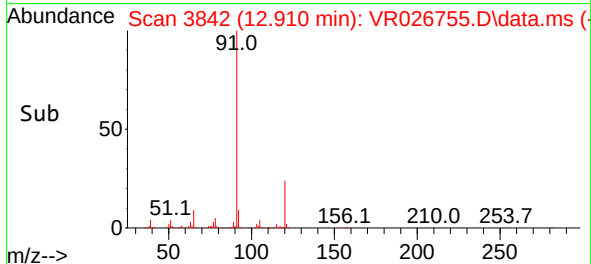
Instrument : MSVOA_R
ClientSampleId : LOQ-WATER-02-QT3-2025



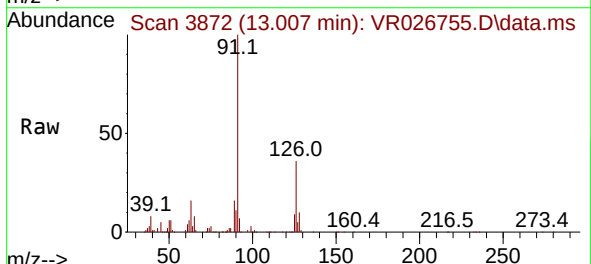
Tgt Ion: 91 Resp: 41243
Ion Ratio Lower Upper
91 100
120 23.6 14.2 42.8

Manual Integrations
APPROVED

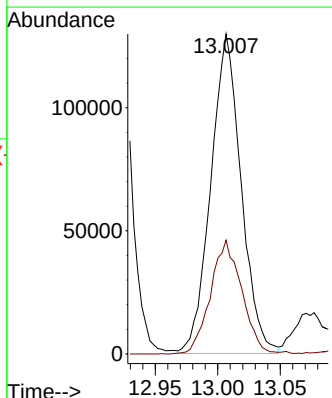
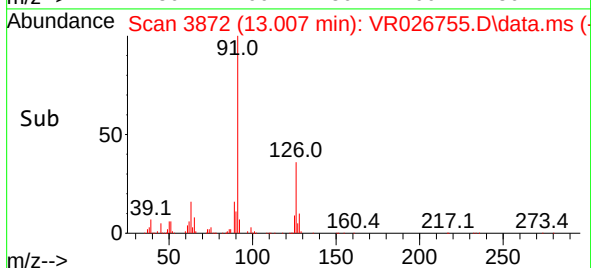
Reviewed By :Semsettin Yesilyurt 08/25/2025
Supervised By :Mahesh Dadoda 08/25/2025

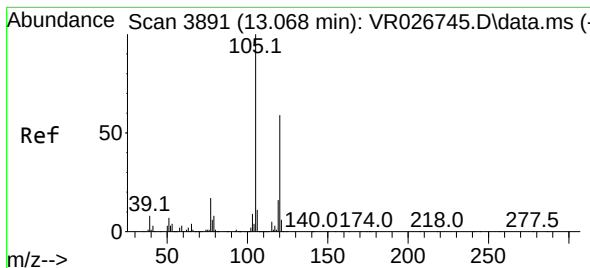


#78
2-Chlorotoluene
Concen: 4.931 ug/l
RT: 13.007 min Scan# 3872
Delta R.T. 0.003 min
Lab File: VR026755.D
Acq: 21 Aug 2025 14:15



Tgt Ion: 91 Resp: 219485
Ion Ratio Lower Upper
91 100
126 36.5 18.0 54.0





#79

1,3,5-Trimethylbenzene

Concen: 5.013 ug/l

RT: 13.071 min Scan# 3891

Delta R.T. 0.003 min

Lab File: VR026755.D

Acq: 21 Aug 2025 14:15

Instrument :

MSVOA_R

ClientSampleId :

LOQ-WATER-02-QT3-2025

Tgt Ion:105 Resp: 26322

Ion Ratio Lower Upper

105 100

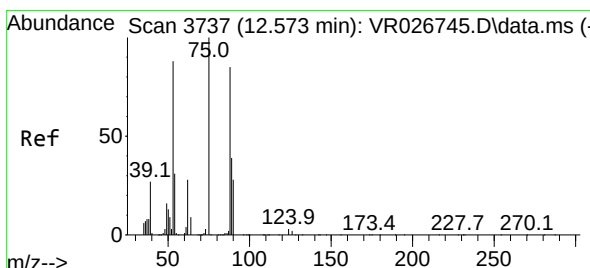
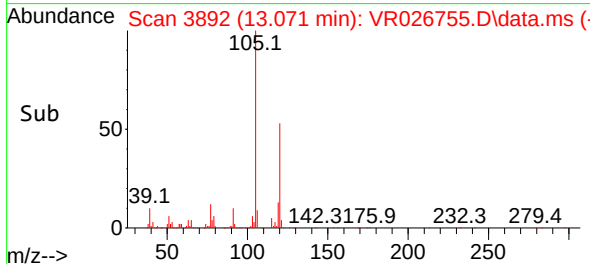
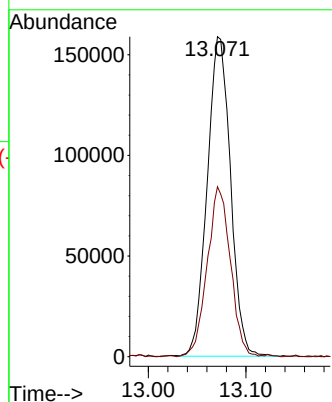
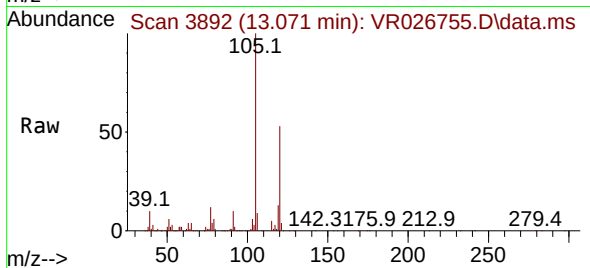
120 53.0 27.8 83.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/25/2025

Supervised By :Mahesh Dadoda 08/25/2025



#80

trans-1,4-Dichloro-2-butene

Concen: 3.016 ug/l

RT: 12.583 min Scan# 3740

Delta R.T. 0.010 min

Lab File: VR026755.D

Acq: 21 Aug 2025 14:15

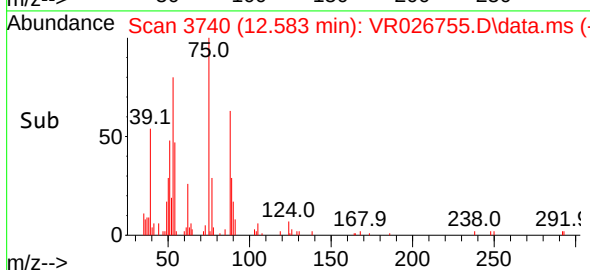
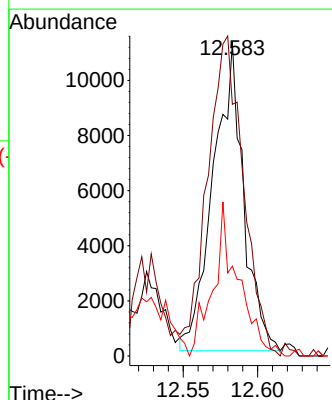
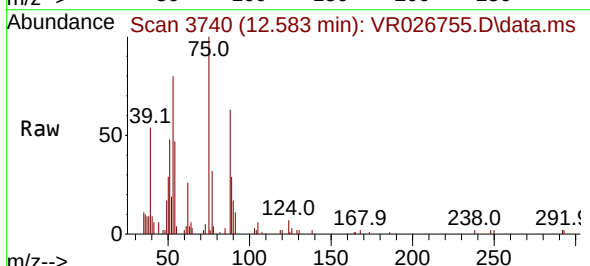
Tgt Ion: 75 Resp: 15782

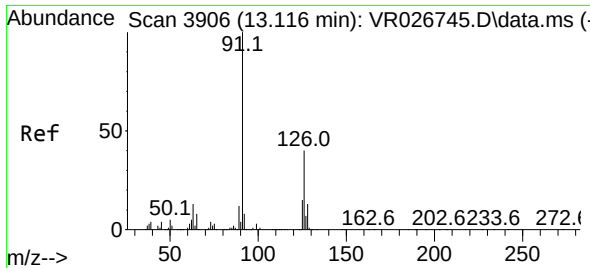
Ion Ratio Lower Upper

75 100

53 123.3 70.9 106.3#

89 41.6 33.4 50.0





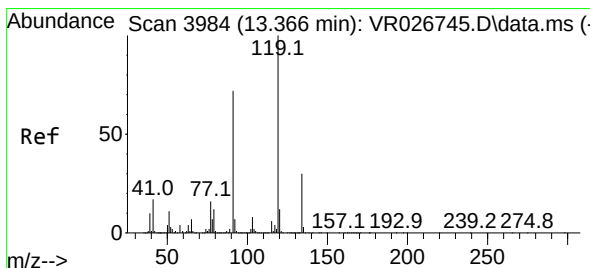
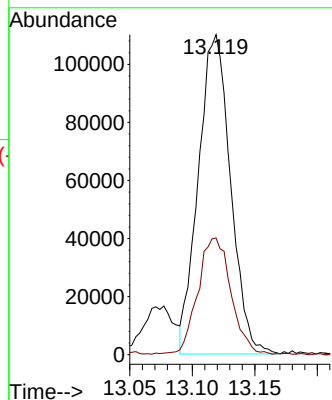
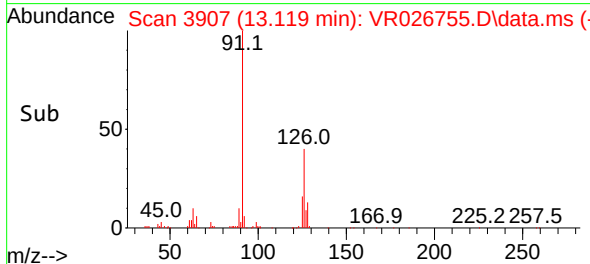
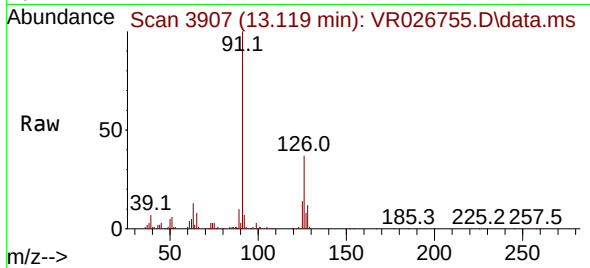
#81
4-Chlorotoluene
Concen: 4.830 ug/l
RT: 13.119 min Scan# 3907
Delta R.T. 0.003 min
Lab File: VR026755.D
Acq: 21 Aug 2025 14:15

Instrument : MSVOA_R
ClientSampleId : LOQ-WATER-02-QT3-2025

Tgt Ion: 91 Resp: 19701
Ion Ratio Lower Upper
91 100
126 37.4 18.2 54.6

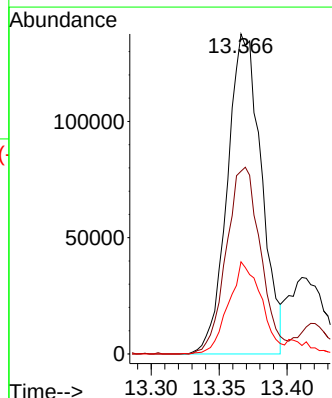
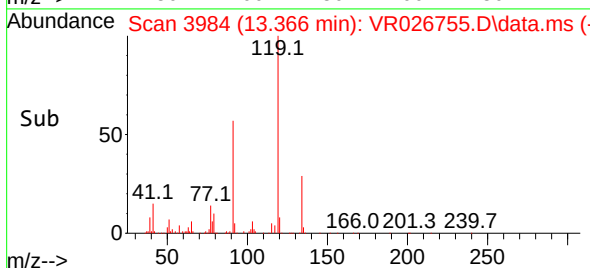
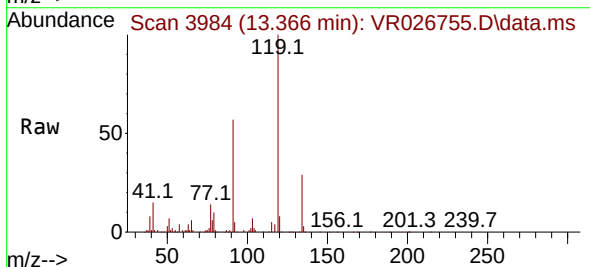
Manual Integrations
APPROVED

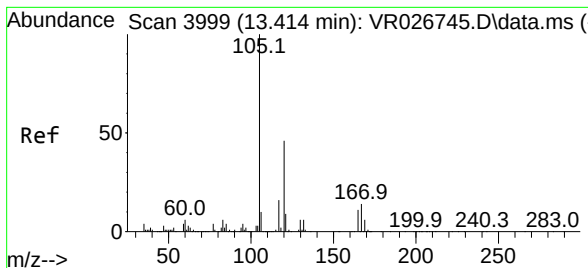
Reviewed By :Semsettin Yesilyurt 08/25/2025
Supervised By :Mahesh Dadoda 08/25/2025



#82
tert-Butylbenzene
Concen: 4.875 ug/l
RT: 13.366 min Scan# 3984
Delta R.T. 0.000 min
Lab File: VR026755.D
Acq: 21 Aug 2025 14:15

Tgt Ion:119 Resp: 239307
Ion Ratio Lower Upper
119 100
91 59.3 33.5 100.5
134 27.9 14.9 44.9





#83

1,2,4-Trimethylbenzene

Concen: 4.511 ug/l

RT: 13.417 min Scan# 4000

Delta R.T. 0.003 min

Lab File: VR026755.D

Acq: 21 Aug 2025 14:15

Instrument :

MSVOA_R

ClientSampleId :

LOQ-WATER-02-QT3-2025

Tgt Ion:105 Resp: 21594

Ion Ratio Lower Upper

105 100

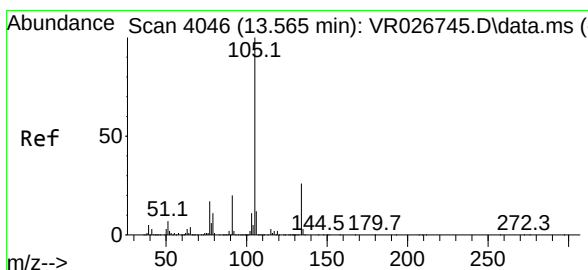
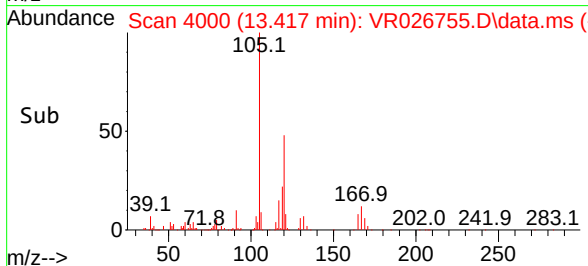
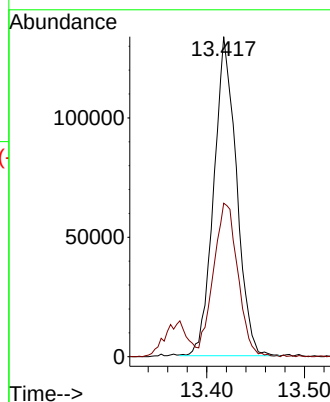
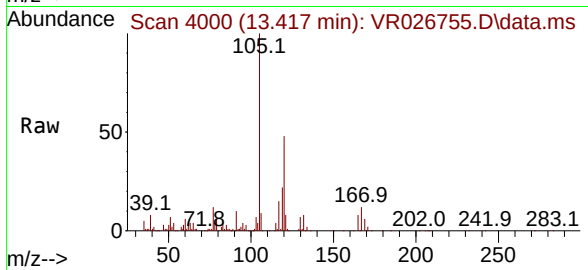
120 51.2 25.3 75.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/25/2025

Supervised By :Mahesh Dadoda 08/25/2025



#84

sec-Butylbenzene

Concen: 5.166 ug/l

RT: 13.571 min Scan# 4048

Delta R.T. 0.006 min

Lab File: VR026755.D

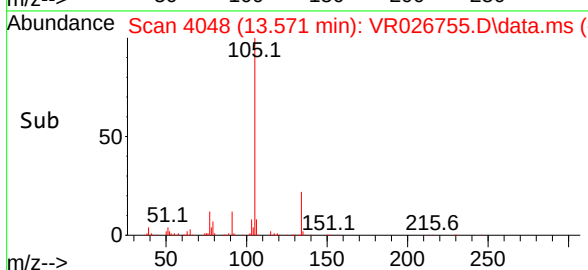
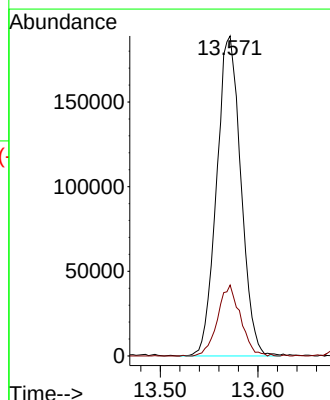
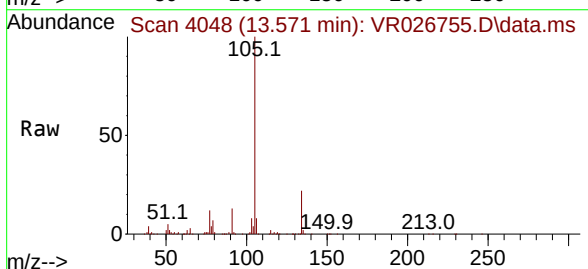
Acq: 21 Aug 2025 14:15

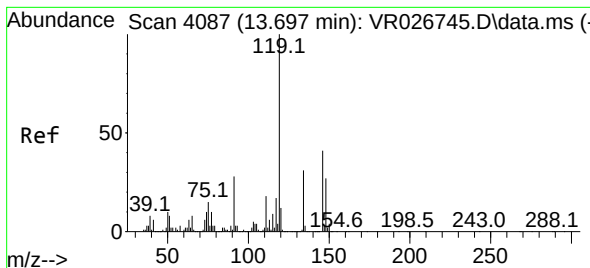
Tgt Ion:105 Resp: 326149

Ion Ratio Lower Upper

105 100

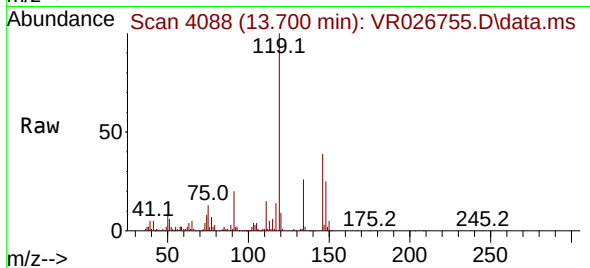
134 20.9 11.6 34.7





#85
p-Isopropyltoluene
Concen: 4.669 ug/l
RT: 13.700 min Scan# 4088
Delta R.T. 0.003 min
Lab File: VR026755.D
Acq: 21 Aug 2025 14:15

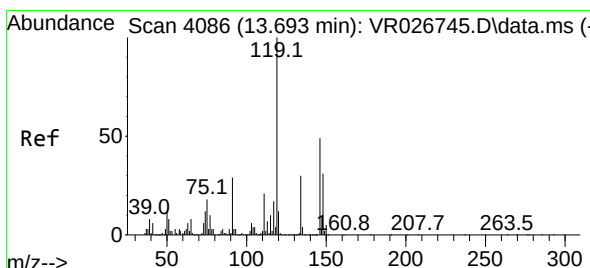
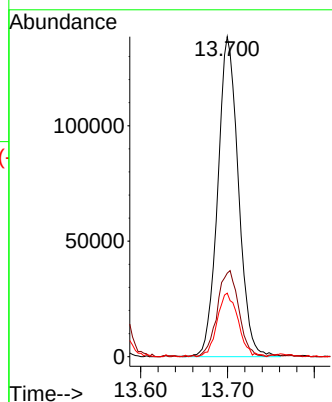
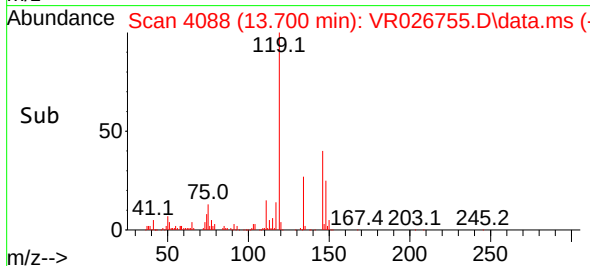
Instrument : MSVOA_R
ClientSampleId :
LOQ-WATER-02-QT3-2025



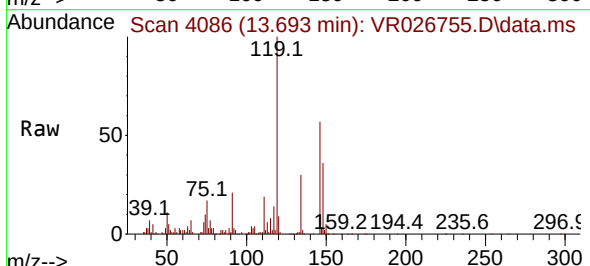
Tgt Ion:119 Resp: 229070
Ion Ratio Lower Upper
119 100
134 28.2 14.4 43.2
91 20.2 12.7 38.0

Manual Integrations
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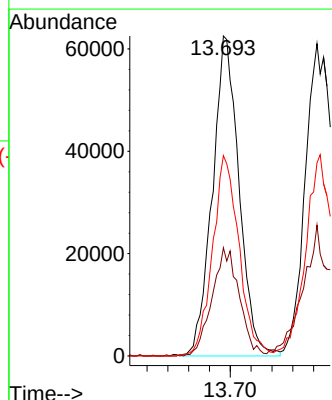
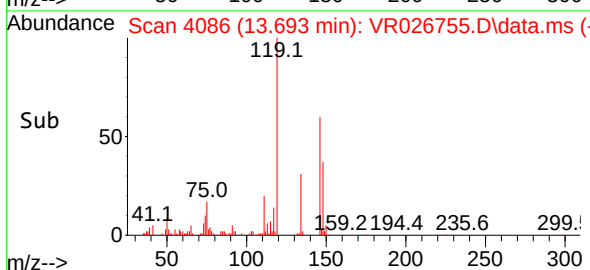
Reviewed By :Semsettin Yesilyurt 08/25/2025
Supervised By :Mahesh Dadoda 08/25/2025

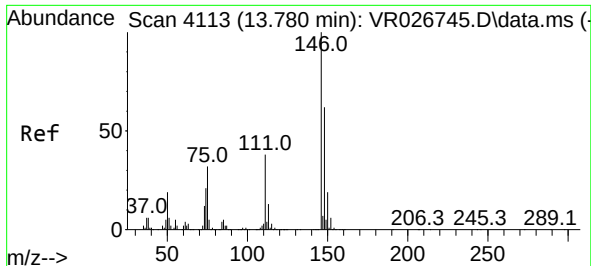


#86
1,3-Dichlorobenzene
Concen: 4.860 ug/l
RT: 13.693 min Scan# 4086
Delta R.T. 0.000 min
Lab File: VR026755.D
Acq: 21 Aug 2025 14:15



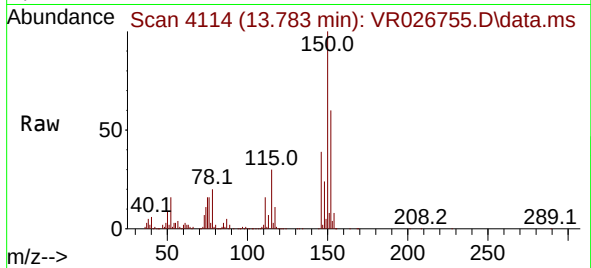
Tgt Ion:146 Resp: 111073
Ion Ratio Lower Upper
146 100
111 34.5 20.9 62.7
148 62.4 31.8 95.3





#87
1,4-Dichlorobenzene
Concen: 5.228 ug/l
RT: 13.783 min Scan# 4113
Delta R.T. 0.003 min
Lab File: VR026755.D
Acq: 21 Aug 2025 14:15

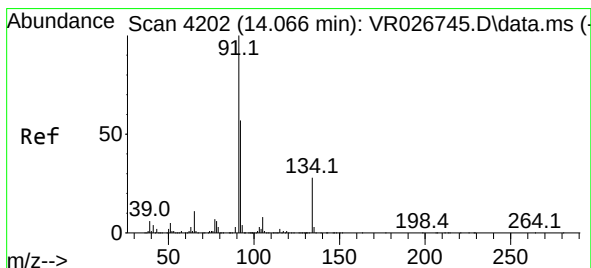
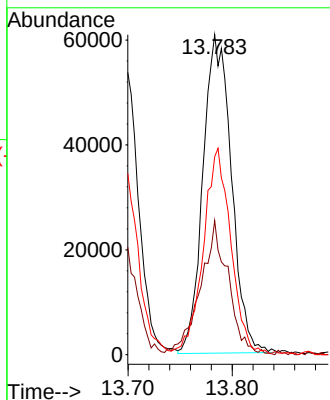
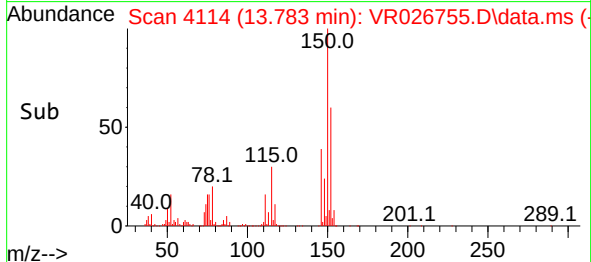
Instrument : MSVOA_R
ClientSampleId : LOQ-WATER-02-QT3-2025



Tgt Ion:146 Resp: 115110
Ion Ratio Lower Upper
146 100
111 41.3 18.6 55.6
148 62.2 31.5 94.5

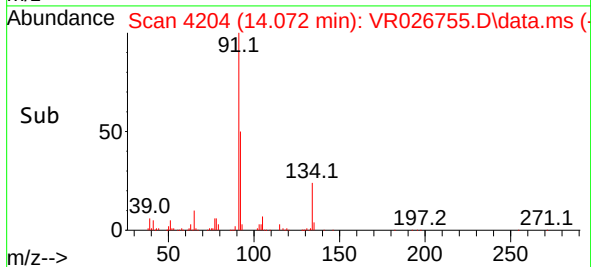
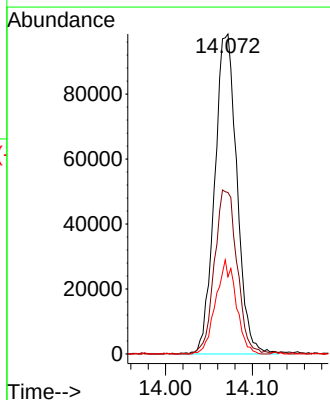
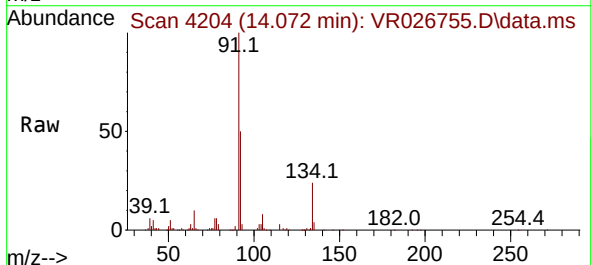
Manual Integrations
APPROVED

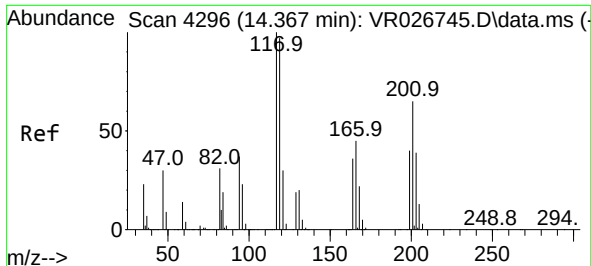
Reviewed By :Semsettin Yesilyurt 08/25/2025
Supervised By :Mahesh Dadoda 08/25/2025



#88
n-Butylbenzene
Concen: 5.010 ug/l
RT: 14.072 min Scan# 4204
Delta R.T. 0.006 min
Lab File: VR026755.D
Acq: 21 Aug 2025 14:15

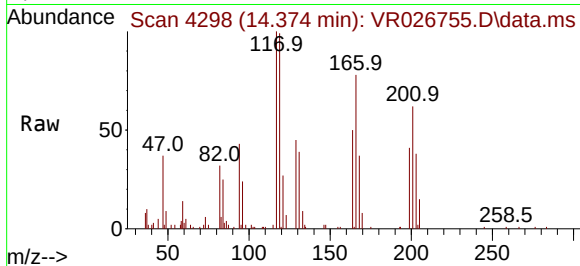
Tgt Ion: 91 Resp: 175605
Ion Ratio Lower Upper
91 100
92 52.0 27.7 83.0
134 27.1 13.5 40.5





#89
Hexachloroethane
Concen: 4.084 ug/l
RT: 14.374 min Scan# 41
Delta R.T. 0.007 min
Lab File: VR026755.D
Acq: 21 Aug 2025 14:15

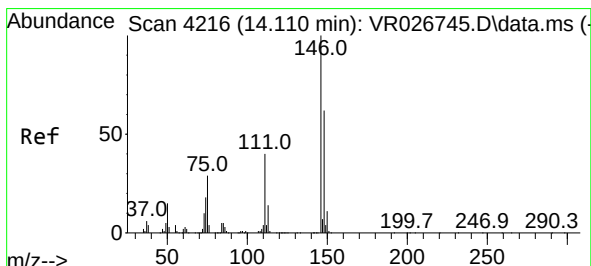
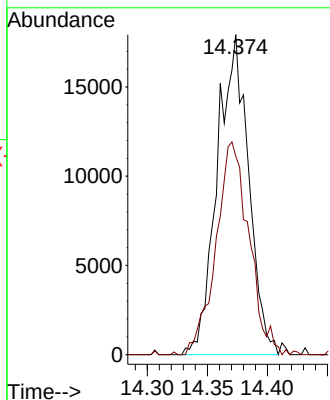
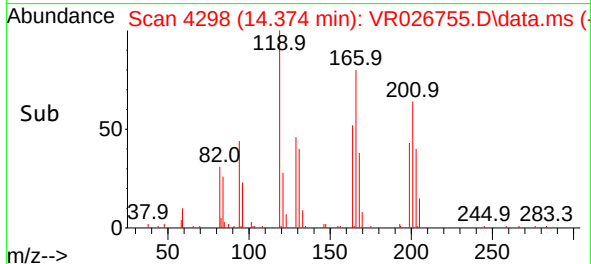
Instrument :
MSVOA_R
ClientSampleId :
LOQ-WATER-02-QT3-2025



Tgt Ion:117 Resp: 32500
Ion Ratio Lower Upper
117 100
201 70.0 33.3 99.9

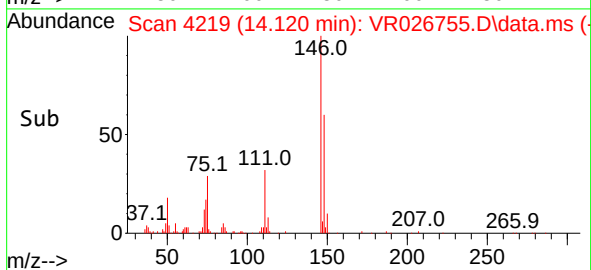
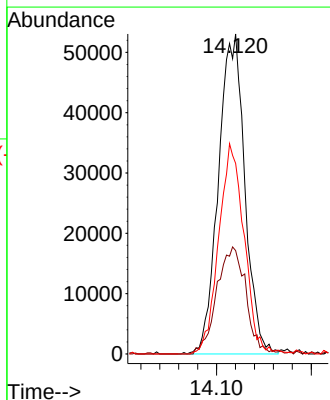
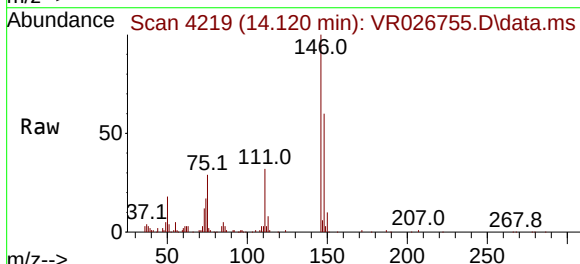
Manual Integrations
APPROVED

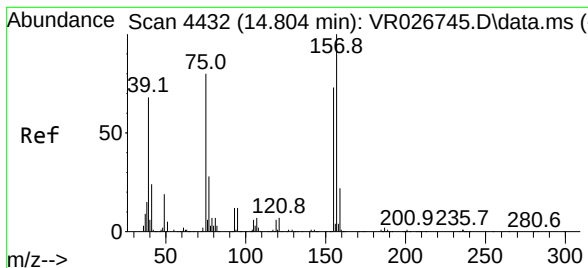
Reviewed By :Semsettin Yesilyurt 08/25/2025
Supervised By :Mahesh Dadoda 08/25/2025



#90
1,2-Dichlorobenzene
Concen: 5.339 ug/l
RT: 14.120 min Scan# 4219
Delta R.T. 0.010 min
Lab File: VR026755.D
Acq: 21 Aug 2025 14:15

Tgt Ion:146 Resp: 102476
Ion Ratio Lower Upper
146 100
111 36.9 19.9 59.7
148 63.3 31.5 94.5





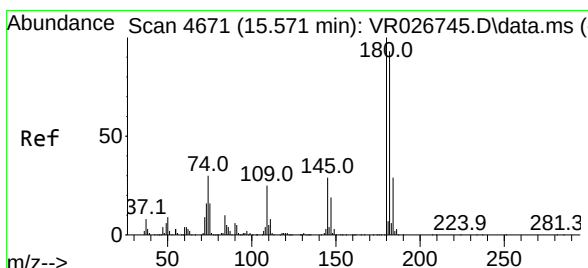
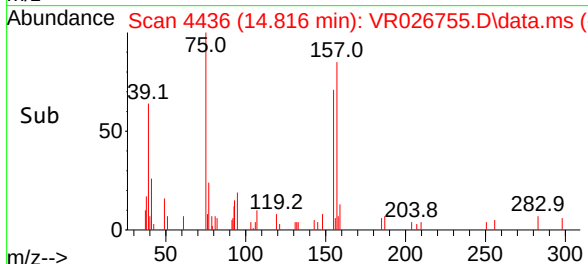
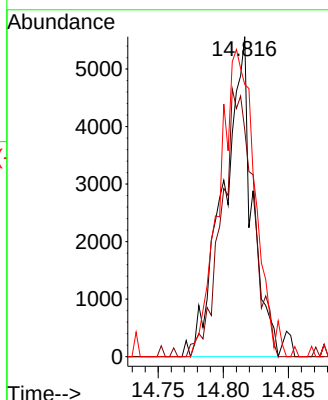
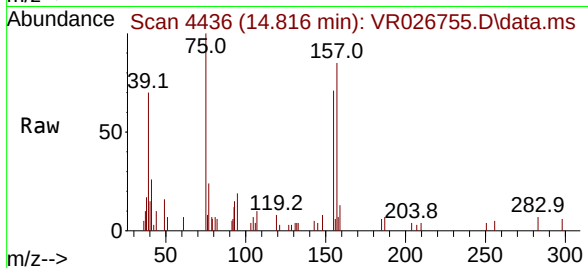
#91
1,2-Dibromo-3-Chloropropane
Concen: 4.332 ug/l
RT: 14.816 min Scan# 4432
Delta R.T. 0.012 min
Lab File: VR026755.D
Acq: 21 Aug 2025 14:15

Instrument : MSVOA_R
ClientSampleId : LOQ-WATER-02-QT3-2025

Tgt Ion: 75 Resp: 864
Ion Ratio Lower Upper
75 100
155 92.3 48.4 145.3
157 117.6 62.3 186.8

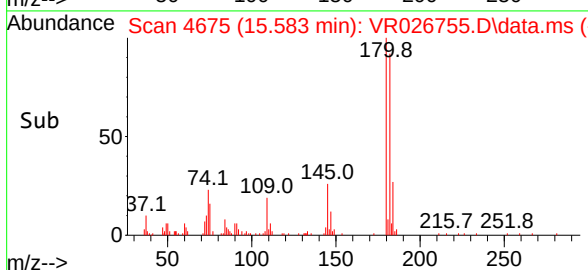
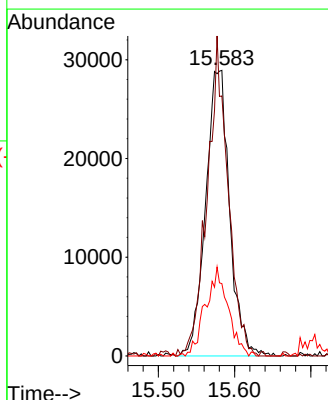
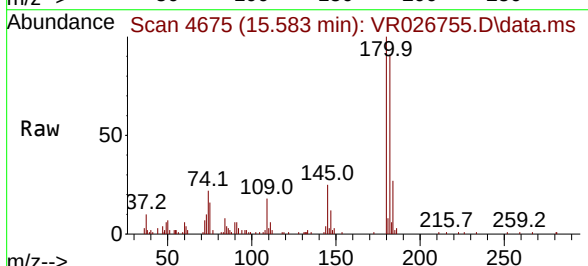
Manual Integrations
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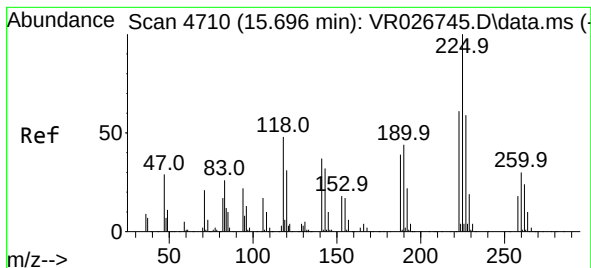
Reviewed By :Semsettin Yesilyurt 08/25/2025
Supervised By :Mahesh Dadoda 08/25/2025



#92
1,2,4-Trichlorobenzene
Concen: 5.031 ug/l
RT: 15.583 min Scan# 4675
Delta R.T. 0.013 min
Lab File: VR026755.D
Acq: 21 Aug 2025 14:15

Tgt Ion:180 Resp: 63451
Ion Ratio Lower Upper
180 100
182 96.7 47.1 141.4
145 29.0 14.4 43.4





#93

Hexachlorobutadiene

Concen: 5.633 ug/l

RT: 15.702 min Scan# 4712

Delta R.T. 0.006 min

Lab File: VR026755.D

Acq: 21 Aug 2025 14:15

Instrument :

MSVOA_R

ClientSampleId :

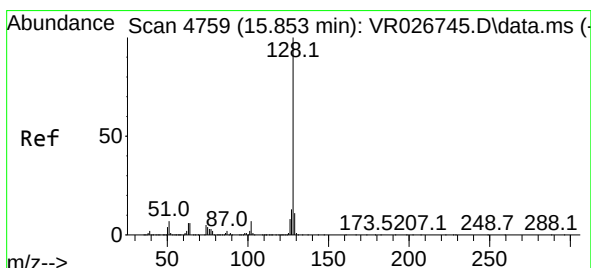
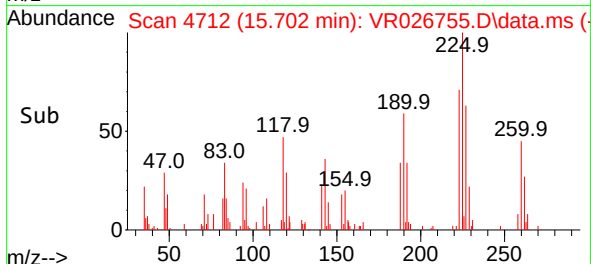
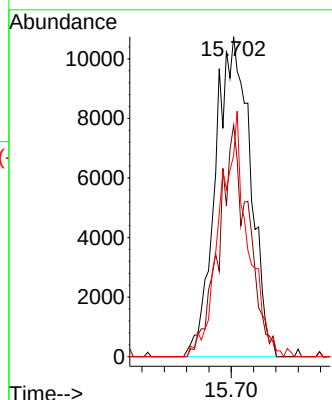
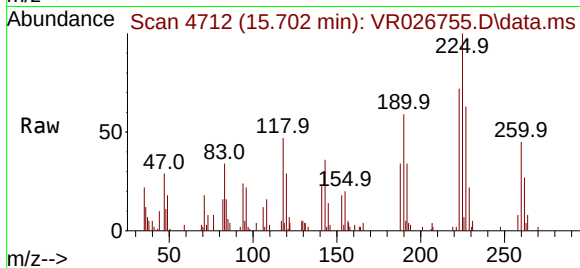
LOQ-WATER-02-QT3-2025

Tgt Ion:	225	Resp:	2341
Ion Ratio	Lower	Upper	
225	100		
223	60.8	31.5	94.5
227	61.6	31.3	93.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/25/2025
Supervised By :Mahesh Dadoda 08/25/2025



#94

Naphthalene

Concen: 4.244 ug/l

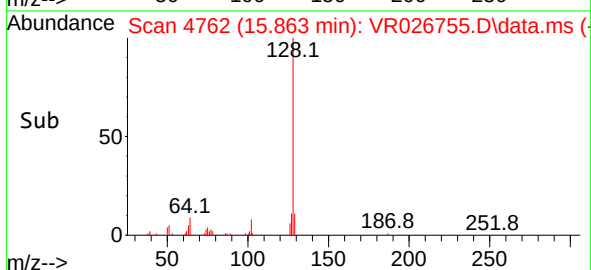
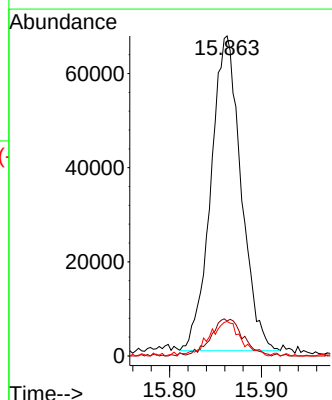
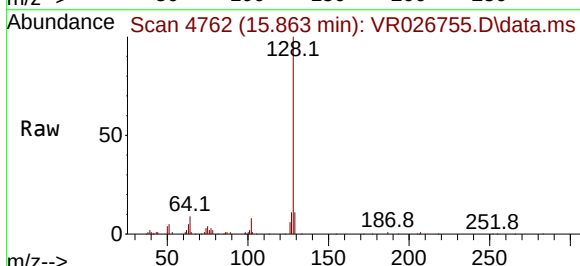
RT: 15.863 min Scan# 4762

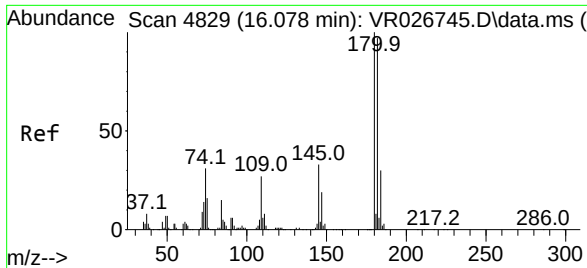
Delta R.T. 0.010 min

Lab File: VR026755.D

Acq: 21 Aug 2025 14:15

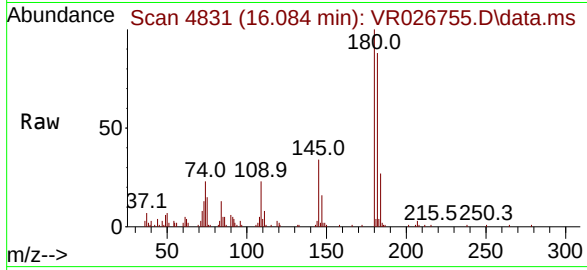
Tgt Ion:	128	Resp:	153019
Ion Ratio	Lower	Upper	
128	100		
127	12.5	10.0	15.0
129	11.5	8.7	13.1





#95
 1,2,3-Trichlorobenzene
 Concen: 5.068 ug/l
 RT: 16.084 min Scan# 481
 Delta R.T. 0.006 min
 Lab File: VR026755.D
 Acq: 21 Aug 2025 14:15

Instrument : MSVOA_R
 ClientSampleId :
 LOQ-WATER-02-QT3-2025



Tgt Ion:	180	Resp:	62014
Ion Ratio	Lower	Upper	
180	100		
182	92.5	47.5	142.6
145	28.1	15.6	46.8

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 08/25/2025
 Supervised By :Mahesh Dadoda 08/25/2025

