

Data Path : Z:\voasrv\HPCHEM1\MSVOA_R\Data\VR080725\
 Data File : VR026729.D
 Acq On : 7 Aug 2025 16:08
 Operator : SY/MD
 Sample : Q2126-08
 Misc : 5mL/MSVOA_R/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 LOQ-WATER-02-QT2-2025

Quant Time: Aug 08 01:43:41 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_R\methods\82R080425W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 05 02:27:49 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	7.288	168	344188	50.000	ug/l	-0.02
33) 1,4-Difluorobenzene	8.318	114	602481	50.000	ug/l	-0.01
62) Chlorobenzene-d5	11.530	117	478310	50.000	ug/l	-0.01
71) 1,4-Dichlorobenzene-d4	13.738	152	227175	50.000	ug/l	0.00
System Monitoring Compounds						
32) 1,2-Dichloroethane-d4	7.673	65	219427	50.370	ug/l	-0.02
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.740%			
34) Dibromofluoromethane	7.189	113	185781	49.855	ug/l	-0.02
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.720%			
49) Toluene-d8	10.025	98	755660	56.602	ug/l	-0.01
Spiked Amount 50.000	Range 86 - 113		Recovery = 113.200%#			
61) 4-Bromofluorobenzene	12.666	95	196834	51.837	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 103.680%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.663	85	11583	4.617	ug/l	94
3) Chloromethane	1.836	50	20018	5.368	ug/l	98
4) Vinyl Chloride	1.955	62	24642	6.467	ug/l #	73
5) Bromomethane	2.302	94	12332	6.642	ug/l	87
6) Chloroethane	2.427	64	15129	6.166	ug/l	92
7) Trichlorofluoromethane	2.709	101	50491	7.352	ug/l	95
8) Diethyl Ether	3.069	74	13710	4.499	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.373	101	18905m	5.103	ug/l	
10) Methyl Iodide	3.540	142	16746	4.683	ug/l #	78
11) Tert butyl alcohol	4.314	59	13945m	20.460	ug/l	
12) 1,1-Dichloroethene	3.354	96	16521	4.512	ug/l #	85
13) Acrolein	3.242	56	16470	16.531	ug/l	95
14) Allyl chloride	3.874	41	30217	4.195	ug/l #	52
15) Acrylonitrile	4.471	53	63604	23.509	ug/l #	64
16) Acetone	3.441	43	51839	25.354	ug/l	99
17) Carbon Disulfide	3.637	76	17908	3.304	ug/l	100
18) Methyl Acetate	3.893	43	46821	5.487	ug/l #	74
19) Methyl tert-butyl Ether	4.545	73	60185m	4.108	ug/l	
20) Methylene Chloride	4.070	84	25727m	5.302	ug/l	
21) trans-1,2-Dichloroethene	4.519	96	16877m	4.193	ug/l	
22) Diisopropyl ether	5.453	45	81268m	4.815	ug/l	
23) Vinyl Acetate	5.373	43	205526	21.355	ug/l #	86
24) 1,1-Dichloroethane	5.321	63	40495m	4.737	ug/l	
25) 2-Butanone	6.367	43	80214	25.347	ug/l #	85
26) 2,2-Dichloropropane	6.338	77	20029m	3.389	ug/l	
27) cis-1,2-Dichloroethene	6.342	96	22997m	4.441	ug/l	
28) Bromochloromethane	6.733	49	13425m	4.359	ug/l	
29) Chloroform	6.945	83	36114	4.877	ug/l	99
30) Cyclohexane	7.259	56	32223m	4.668	ug/l	
31) 1,1,1-Trichloroethane	7.160	97	24819m	4.640	ug/l	
35) 1,1-Dichloropropene	7.417	75	25030m	5.324	ug/l	
36) Ethyl Acetate	6.483	43	28990m	5.151	ug/l	
37) Carbon Tetrachloride	7.401	117	16980m	4.435	ug/l	
38) Methylcyclohexane	8.880	83	25073	4.659	ug/l	92
39) Benzene	7.693	78	88389	5.221	ug/l	93
40) Methacrylonitrile	6.717	41	17988m	5.143	ug/l	

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 Supervised By :Semsettin Yesilyurt 08/08/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) 1,2-Dichloroethane	7.789	62	24130	5.604	ug/l	90
42) Isopropyl Acetate	7.859	43	39543	4.370	ug/l #	94
43) Trichloroethene	8.601	130	15916m	4.889	ug/l	
44) 1,2-Dichloropropane	8.909	63	18346	4.579	ug/l #	75
45) Dibromomethane	9.015	93	13654	6.128	ug/l #	87
46) Bromodichloromethane	9.242	83	19510	4.519	ug/l #	84
47) Methyl methacrylate	9.021	41	20158	5.090	ug/l #	86
48) 1,4-Dioxane	9.024	88	6590m	103.293	ug/l	
50) 4-Methyl-2-Pentanone	9.916	43	127978	27.088	ug/l	97
51) Toluene	10.102	92	46315	5.359	ug/l	96
52) t-1,3-Dichloropropene	10.359	75	16330	3.859	ug/l	99
53) cis-1,3-Dichloropropene	9.737	75	23203	4.572	ug/l #	90
54) 1,1,2-Trichloroethane	10.565	97	20039	6.349	ug/l #	89
55) Ethyl methacrylate	10.427	69	23241	4.459	ug/l	90
56) 1,3-Dichloropropane	10.728	76	31944	5.942	ug/l	93
57) 2-Chloroethyl Vinyl ether	9.583	63	7246	25.157	ug/l #	78
58) 2-Hexanone	10.789	43	83313	26.158	ug/l	100
59) Dibromochloromethane	10.946	129	12272	4.594	ug/l	96
60) 1,2-Dibromoethane	11.068	107	15545	5.723	ug/l	92
63) Tetrachloroethene	10.651	164	14246	5.452	ug/l #	78
64) Chlorobenzene	11.556	112	53328	5.357	ug/l	98
65) 1,1,1,2-Tetrachloroethane	11.656	131	12179	4.479	ug/l #	35
66) Ethyl Benzene	11.659	91	78046	4.696	ug/l	92
67) m/p-Xylenes	11.778	106	62800	9.457	ug/l	97
68) o-Xylene	12.153	106	30893	4.793	ug/l	93
69) Styrene	12.169	104	49199	4.567	ug/l	98
70) Bromoform	12.355	173	6580m	4.276	ug/l	
72) Isopropylbenzene	12.500	105	75270	4.649	ug/l	99
73) N-amyl acetate	12.304	43	25857	4.028	ug/l #	85
74) 1,1,2,2-Tetrachloroethane	12.779	83	24659	5.191	ug/l	97
75) 1,2,3-Trichloropropane	12.833	75	17409m	4.623	ug/l	
76) Bromobenzene	12.808	156	18200	4.857	ug/l	88
77) n-propylbenzene	12.885	91	93120	4.820	ug/l	96
78) 2-Chlorotoluene	12.978	91	52903	4.827	ug/l	93
79) 1,3,5-Trimethylbenzene	13.045	105	60039	4.742	ug/l	99
80) trans-1,4-Dichloro-2-b...	12.551	75	4569m	3.534	ug/l	
81) 4-Chlorotoluene	13.090	91	50871	4.543	ug/l	96
82) tert-Butylbenzene	13.343	119	54591	4.740	ug/l	96
83) 1,2,4-Trimethylbenzene	13.392	105	58244	4.647	ug/l	93
84) sec-Butylbenzene	13.546	105	81839	4.792	ug/l	96
85) p-Isopropyltoluene	13.677	119	60455	4.341	ug/l	97
86) 1,3-Dichlorobenzene	13.671	146	38615	5.256	ug/l	99
87) 1,4-Dichlorobenzene	13.757	146	40925	5.550	ug/l	97
88) n-Butylbenzene	14.046	91	55948	4.359	ug/l	95
89) Hexachloroethane	14.345	117	8254	4.127	ug/l	89
90) 1,2-Dichlorobenzene	14.091	146	38381	5.563	ug/l	96
91) 1,2-Dibromo-3-Chloropr...	14.768	75	2964m	4.685	ug/l	
92) 1,2,4-Trichlorobenzene	15.554	180	23032m	5.583	ug/l	
93) Hexachlorobutadiene	15.689	225	7253m	5.411	ug/l	
94) Naphthalene	15.827	128	68532	5.420	ug/l #	85
95) 1,2,3-Trichlorobenzene	16.055	180	23911m	6.105	ug/l	

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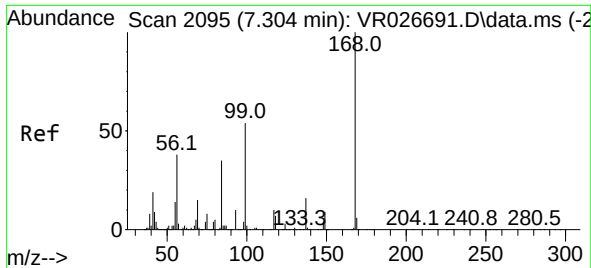
Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 08/08/2025
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Response via : Initial Calibration

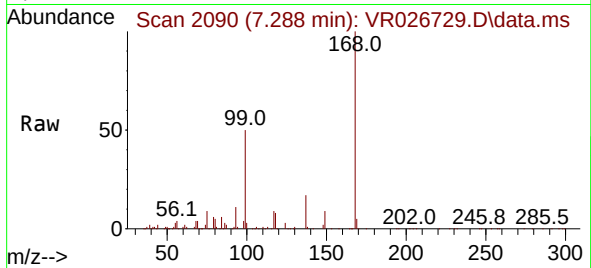
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.288 min Scan# 2095
Delta R.T. -0.016 min
Lab File: VR026729.D
Acq: 7 Aug 2025 16:08

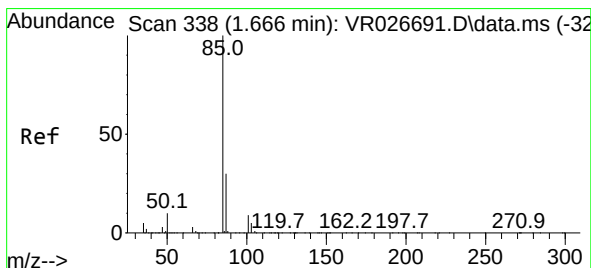
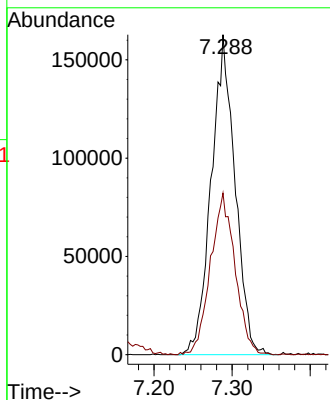
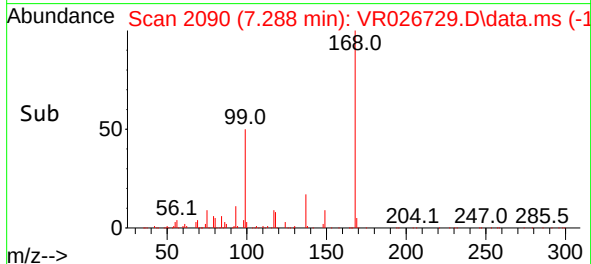
Instrument : MSVOA_R
ClientSampleId : LOQ-WATER-02-QT2-2025



Tgt Ion:168 Resp: 34418
Ion Ratio Lower Upper
168 100
99 50.5 43.8 65.8

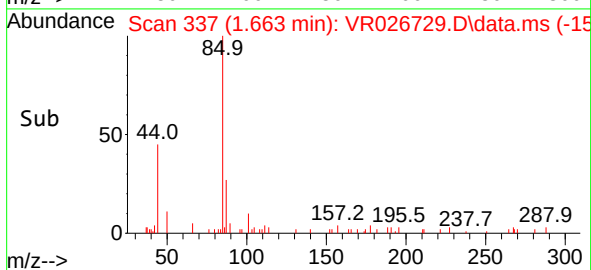
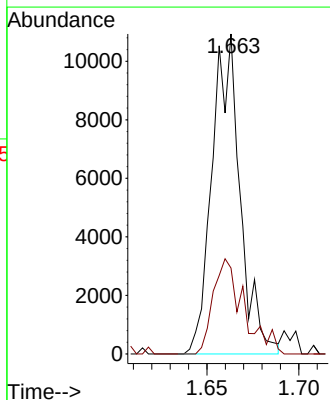
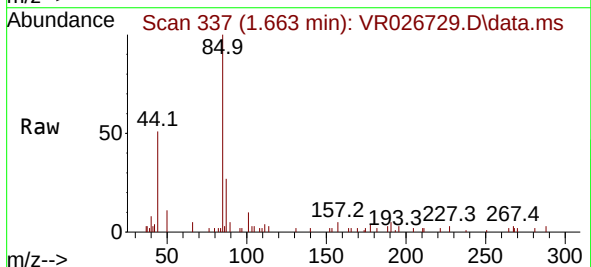
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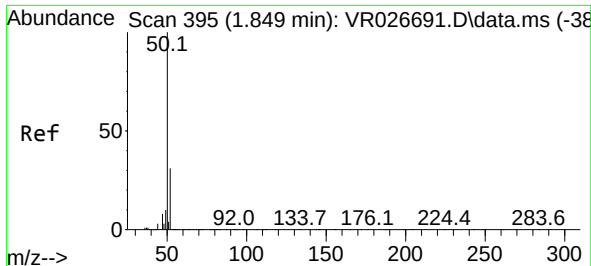
Reviewed By :Mahesh Dadoda 08/08/2025
Supervised By :Semsettin Yesilyurt 08/08/2025



#2
Dichlorodifluoromethane
Concen: 4.617 ug/l
RT: 1.663 min Scan# 337
Delta R.T. -0.003 min
Lab File: VR026729.D
Acq: 7 Aug 2025 16:08

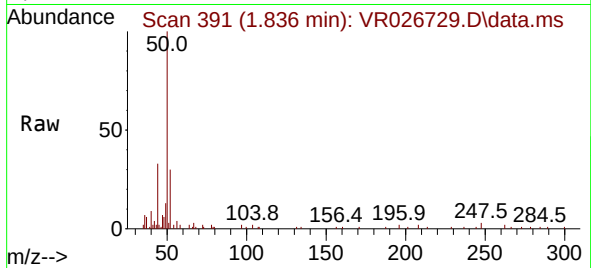
Tgt Ion: 85 Resp: 11583
Ion Ratio Lower Upper
85 100
87 26.8 15.2 45.5





#3
Chloromethane
Concen: 5.368 ug/l
RT: 1.836 min Scan# 391
Delta R.T. -0.013 min
Lab File: VR026729.D
Acq: 7 Aug 2025 16:08

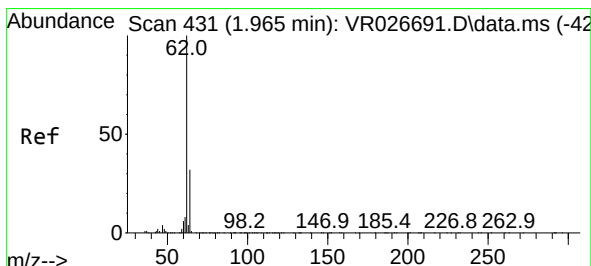
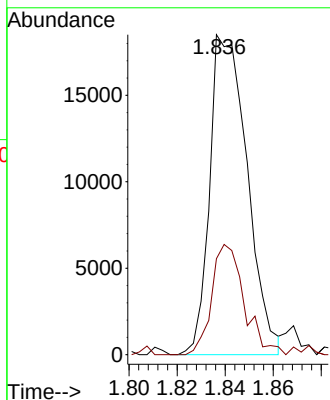
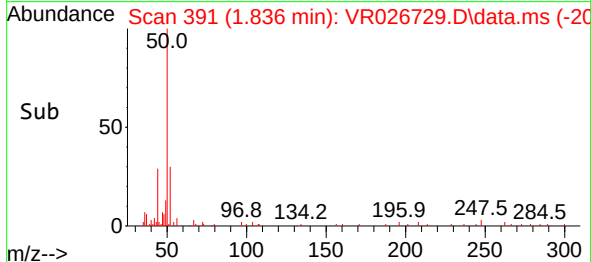
Instrument : MSVOA_R
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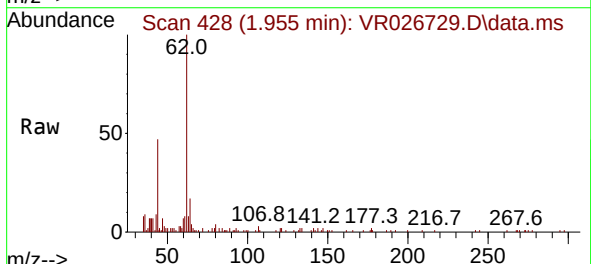
Tgt Ion: 50 Resp: 20018
Ion Ratio Lower Upper
50 100
52 30.0 25.0 37.4

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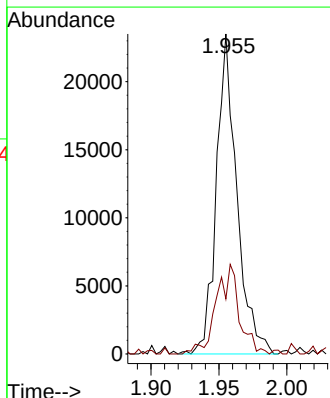
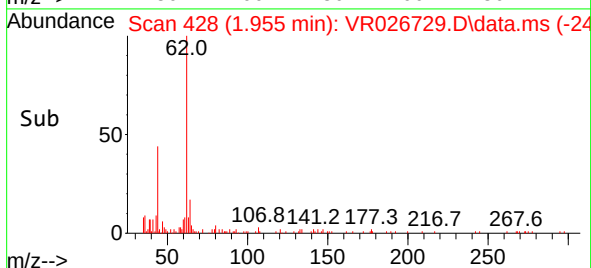
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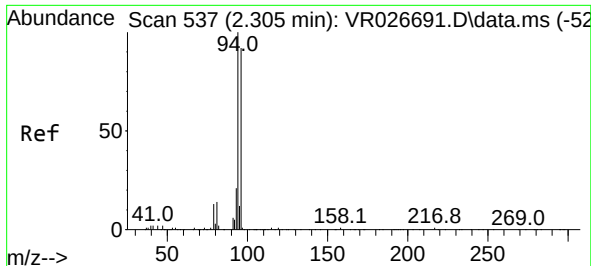


#4
Vinyl Chloride
Concen: 6.467 ug/l
RT: 1.955 min Scan# 428
Delta R.T. -0.010 min
Lab File: VR026729.D
Acq: 7 Aug 2025 16:08



Tgt Ion: 62 Resp: 24642
Ion Ratio Lower Upper
62 100
64 17.2 25.9 38.9#





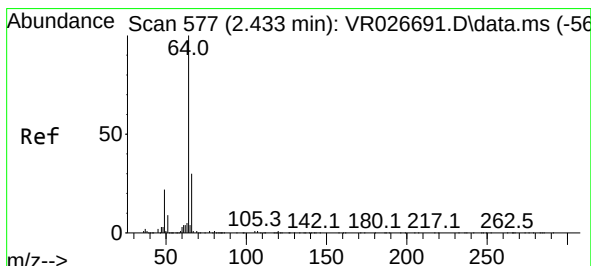
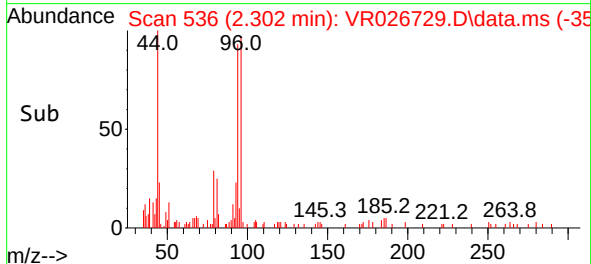
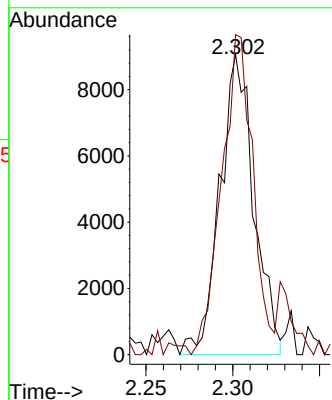
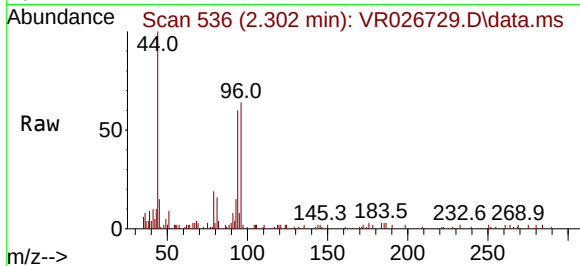
#5
Bromomethane
Concen: 6.642 ug/l
RT: 2.302 min Scan# 51
Delta R.T. -0.003 min
Lab File: VR026729.D
Acq: 7 Aug 2025 16:08

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ClientSampleId :
LOQ-WATER-02-QT2-2025

Tgt Ion: 94 Resp: 1233
Ion Ratio Lower Upper
94 100
96 103.8 73.3 109.9

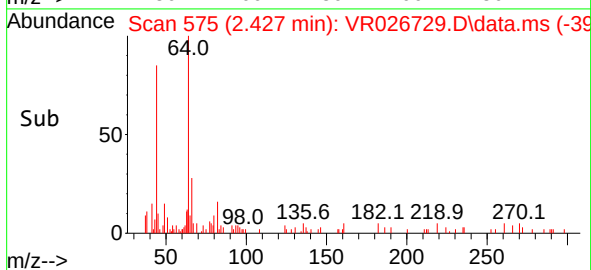
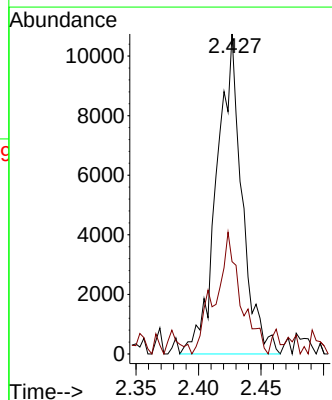
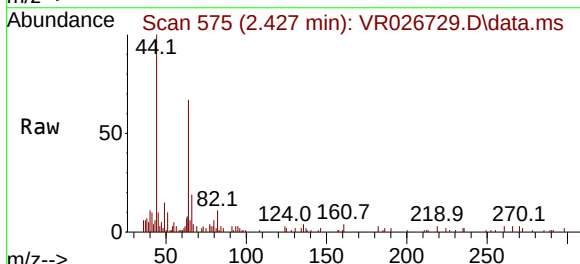
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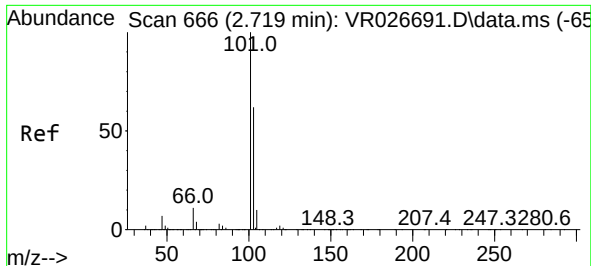
Reviewed By :Mahesh Dadoda 08/08/2025
Supervised By :Semsettin Yesilyurt 08/08/2025



#6
Chloroethane
Concen: 6.166 ug/l
RT: 2.427 min Scan# 575
Delta R.T. -0.007 min
Lab File: VR026729.D
Acq: 7 Aug 2025 16:08

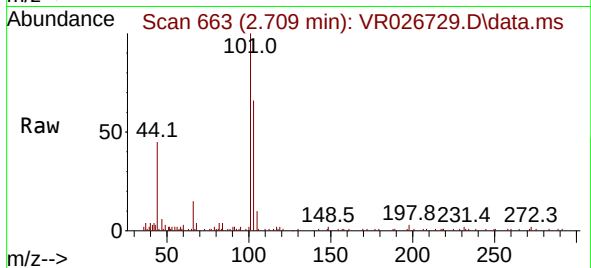
Tgt Ion: 64 Resp: 15129
Ion Ratio Lower Upper
64 100
66 26.0 24.3 36.5





#7
 Trichlorofluoromethane
 Concen: 7.352 ug/l
 RT: 2.709 min Scan# 601
 Delta R.T. -0.010 min
 Lab File: VR026729.D
 Acq: 7 Aug 2025 16:08

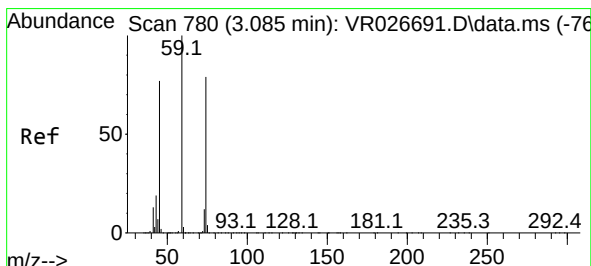
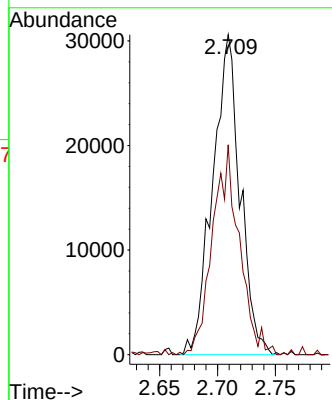
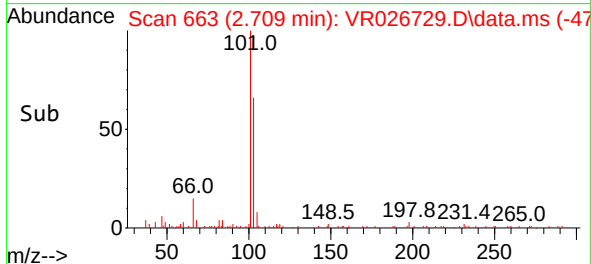
Instrument : MSVOA_R
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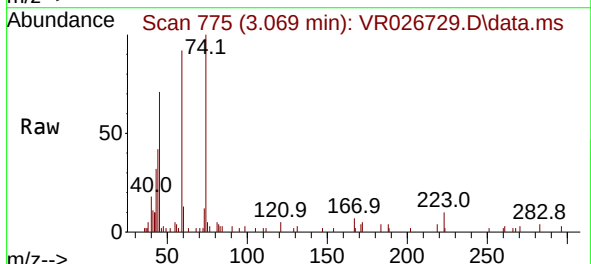
Tgt Ion: 101 Resp: 5049
 Ion Ratio Lower Upper
 101 100
 103 65.6 49.4 74.2

Manual Integrations
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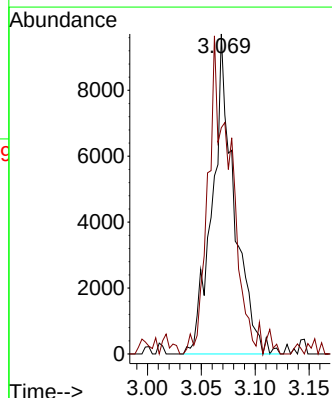
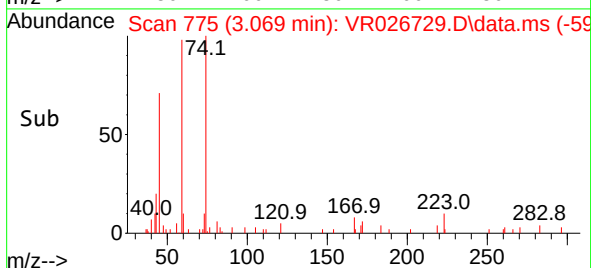
Reviewed By :Mahesh Dadoda 08/08/2025
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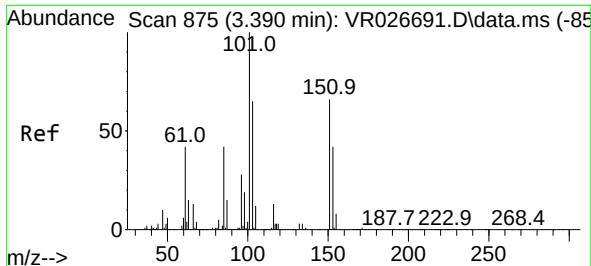


#8
 Diethyl Ether
 Concen: 4.499 ug/l
 RT: 3.069 min Scan# 775
 Delta R.T. -0.016 min
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Tgt Ion: 74 Resp: 13710
 Ion Ratio Lower Upper
 74 100
 45 101.0 47.1 141.3





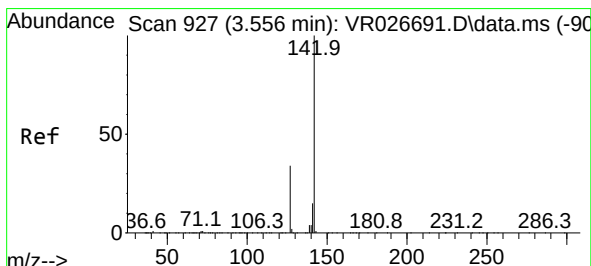
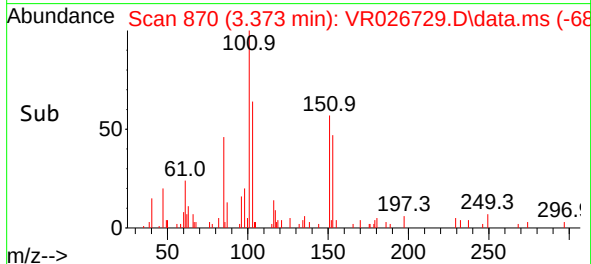
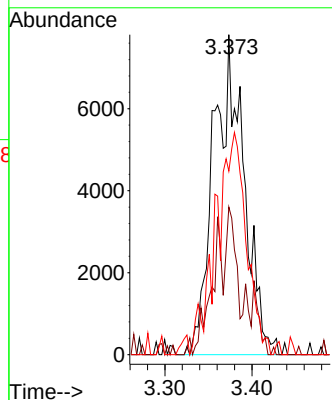
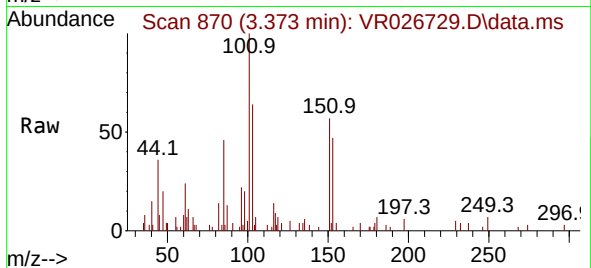
#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.103 ug/l m
RT: 3.373 min Scan# 875
Delta R.T. -0.016 min
Lab File: VR026729.D
Acq: 7 Aug 2025 16:08

Instrument : MSVOA_R
ClientSampleId : LOQ-WATER-02-QT2-2025

Tgt Ion:101 Resp: 1890
Ion Ratio Lower Upper
101 100
85 16.4 34.5 51.7
151 50.2 53.4 80.0

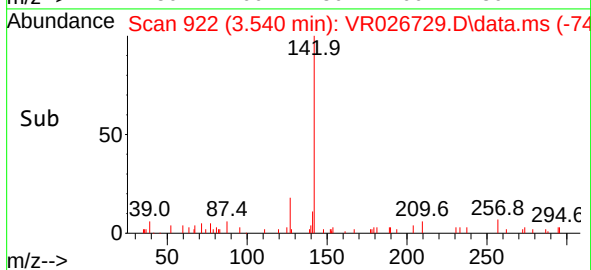
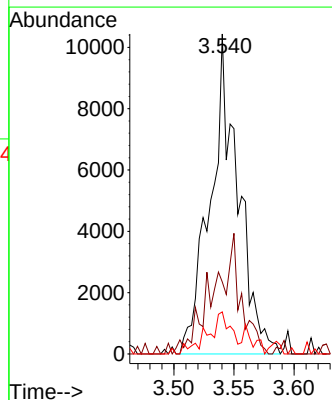
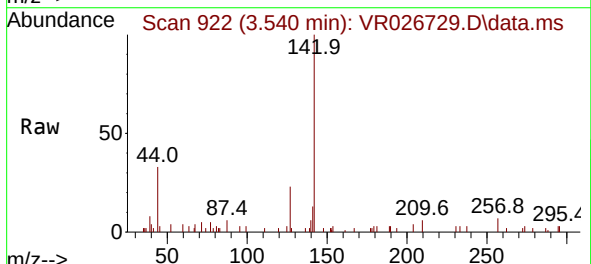
Manual Integrations
APPROVED

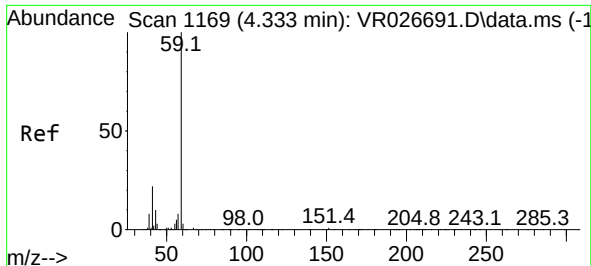
Reviewed By :Mahesh Dadoda 08/08/2025
Supervised By :Semsettin Yesilyurt 08/08/2025



#10
Methyl Iodide
Concen: 4.683 ug/l
RT: 3.540 min Scan# 922
Delta R.T. -0.016 min
Lab File: VR026729.D
Acq: 7 Aug 2025 16:08

Tgt Ion:142 Resp: 16746
Ion Ratio Lower Upper
142 100
127 21.1 30.1 45.1
141 10.8 10.8 16.2





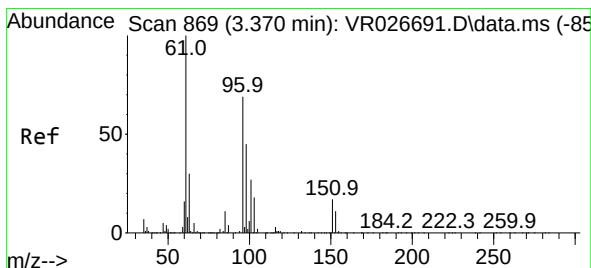
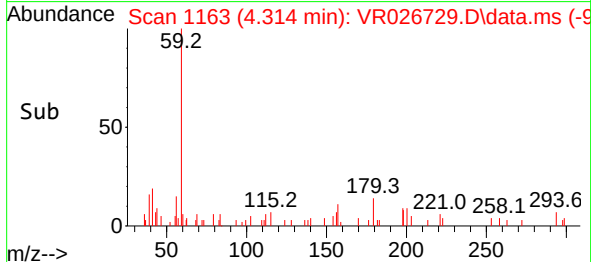
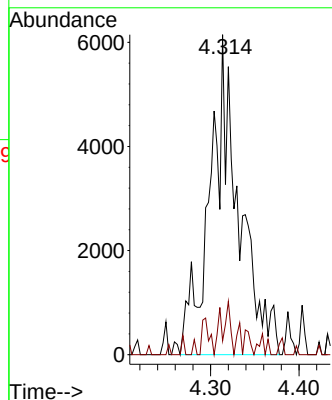
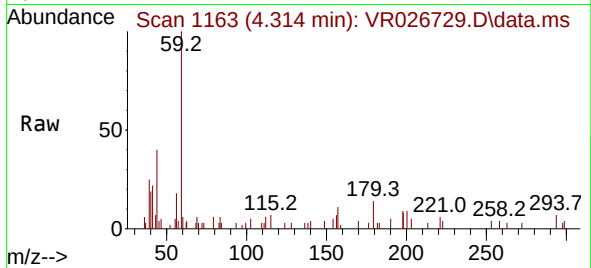
#11
Tert butyl alcohol
Concen: 20.460 ug/l m
RT: 4.314 min Scan# 1169
Delta R.T. -0.019 min
Lab File: VR026729.D
Acq: 7 Aug 2025 16:08

Instrument : MSVOA_R
ClientSampleId :
LOQ-WATER-02-QT2-2025

Tgt Ion: 59 Resp: 13945
Ion Ratio Lower Upper
59 100
57 2.1 7.7 11.5

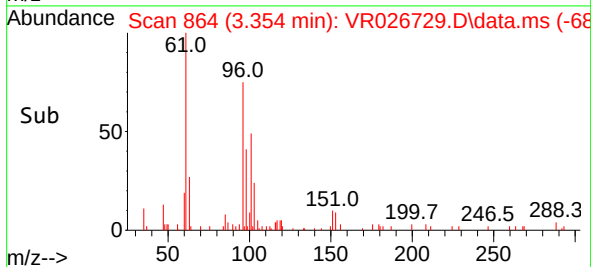
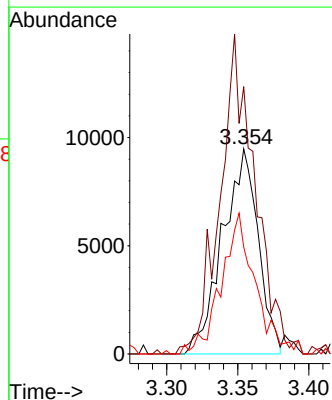
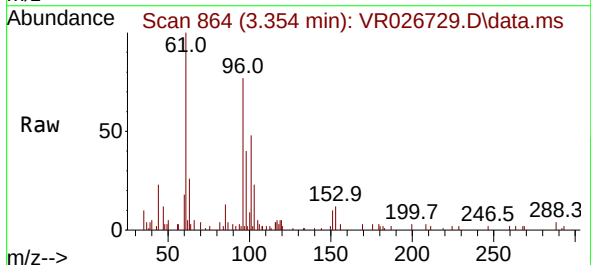
Manual Integrations
APPROVED

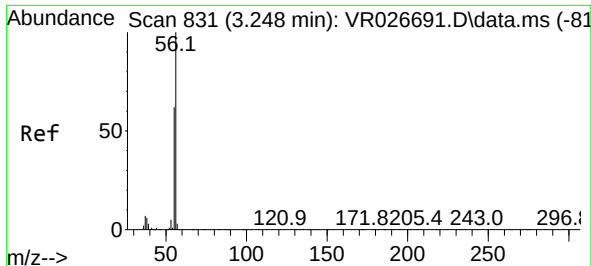
Reviewed By :Mahesh Dadoda 08/08/2025
Supervised By :Semsettin Yesilyurt 08/08/2025



#12
1,1-Dichloroethene
Concen: 4.512 ug/l
RT: 3.354 min Scan# 864
Delta R.T. -0.016 min
Lab File: VR026729.D
Acq: 7 Aug 2025 16:08

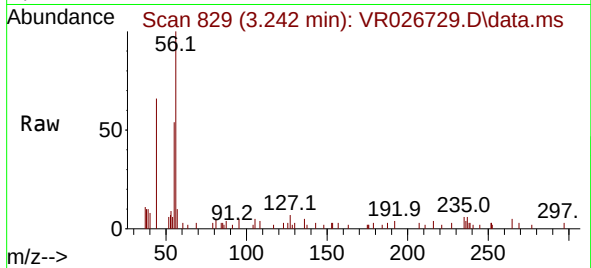
Tgt Ion: 96 Resp: 16521
Ion Ratio Lower Upper
96 100
61 126.8 116.2 174.4
98 52.1 52.3 78.5





#13
Acrolein
Concen: 16.531 ug/l
RT: 3.242 min Scan# 81
Delta R.T. -0.007 min
Lab File: VR026729.D
Acq: 7 Aug 2025 16:08

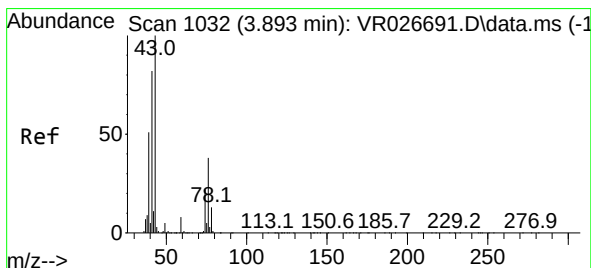
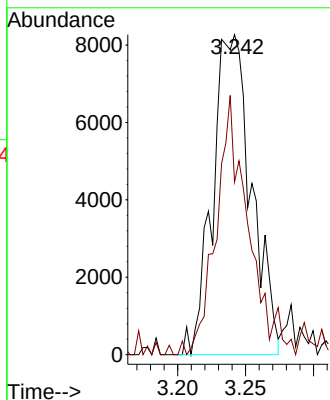
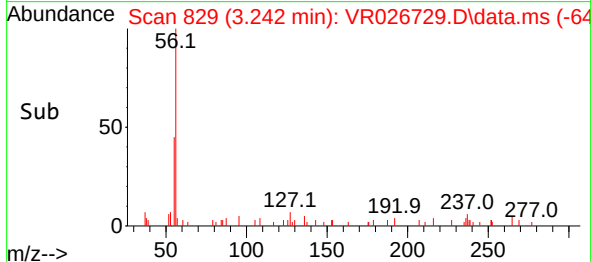
Instrument : MSVOA_R
ClientSampleId :
LOQ-WATER-02-QT2-2025



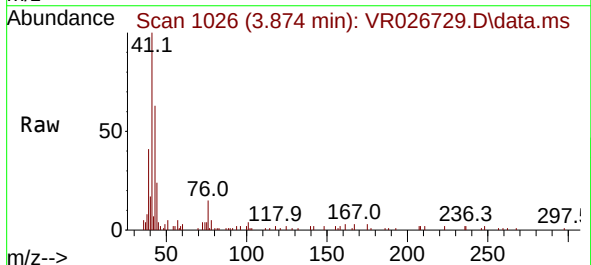
Tgt Ion: 56 Resp: 16470
Ion Ratio Lower Upper
56 100
55 63.3 53.8 80.8

Manual Integrations
APPROVED

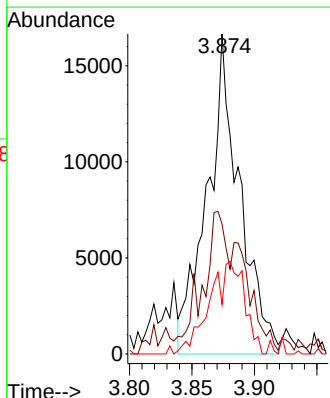
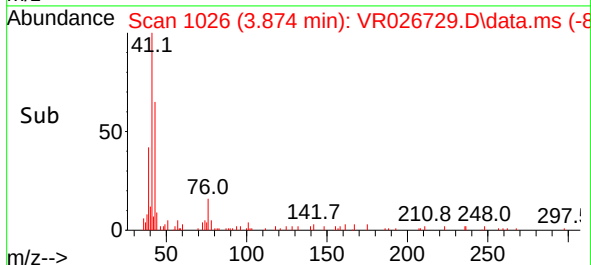
Reviewed By :Mahesh Dadoda 08/08/2025
Supervised By :Semsettin Yesilyurt 08/08/2025

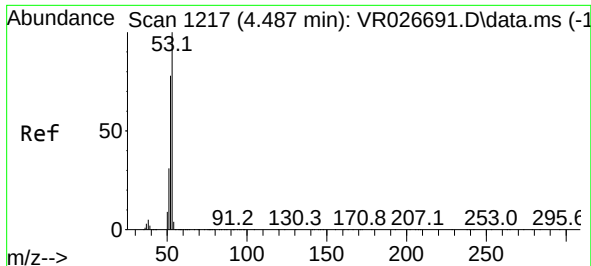


#14
Allyl chloride
Concen: 4.195 ug/l
RT: 3.874 min Scan# 1026
Delta R.T. -0.019 min
Lab File: VR026729.D
Acq: 7 Aug 2025 16:08



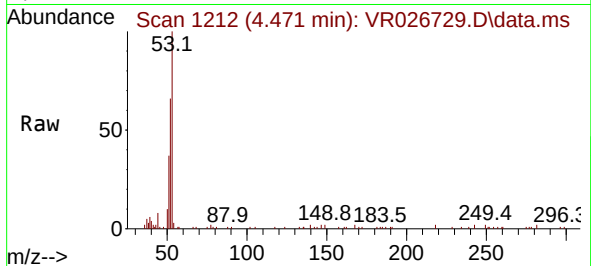
Tgt Ion: 41 Resp: 30217
Ion Ratio Lower Upper
41 100
39 17.1 44.2 66.2#
76 13.6 31.0 46.4#





#15
Acrylonitrile
Concen: 23.509 ug/l
RT: 4.471 min Scan# 11
Delta R.T. -0.016 min
Lab File: VR026729.D
Acq: 7 Aug 2025 16:08

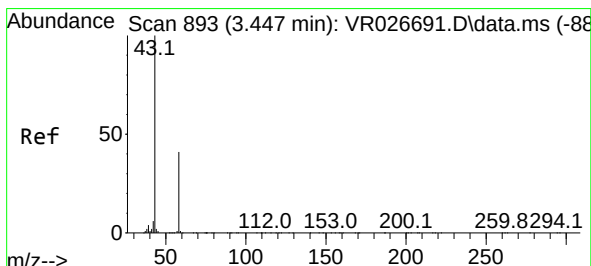
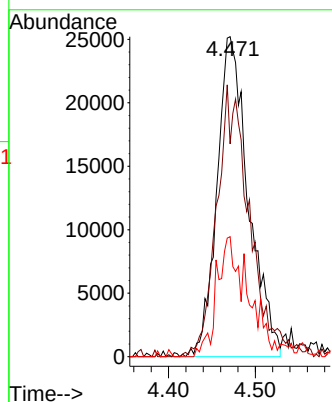
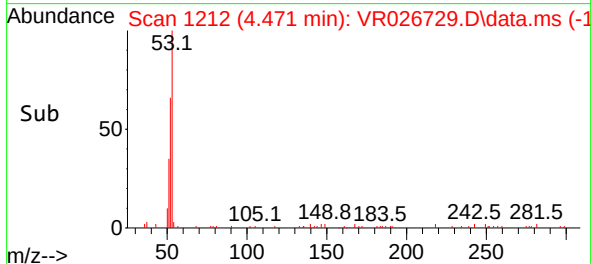
Instrument : MSVOA_R
ClientSampleId :
LOQ-WATER-02-QT2-2025



Tgt Ion: 53 Resp: 63604
Ion Ratio Lower Upper
53 100
52 38.1 61.4 92.2
51 24.5 25.8 38.6

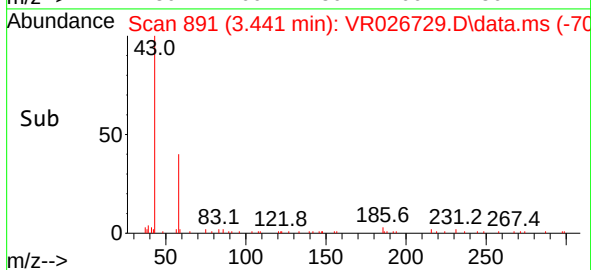
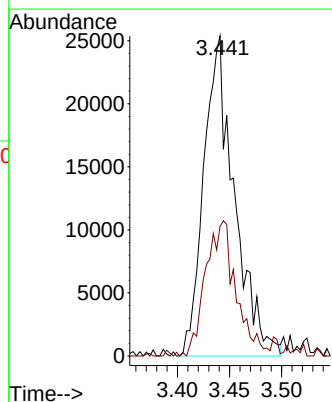
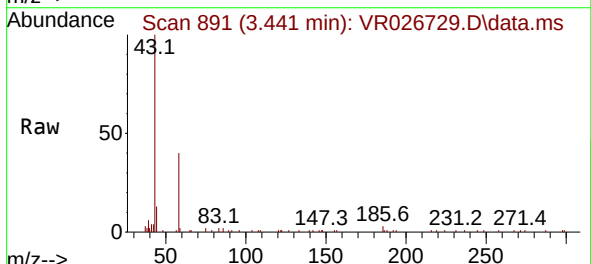
Manual Integrations
APPROVED

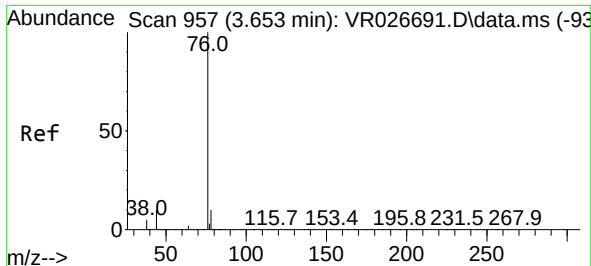
Reviewed By :Mahesh Dadoda 08/08/2025
Supervised By :Semsettin Yesilyurt 08/08/2025



#16
Acetone
Concen: 25.354 ug/l
RT: 3.441 min Scan# 891
Delta R.T. -0.007 min
Lab File: VR026729.D
Acq: 7 Aug 2025 16:08

Tgt Ion: 43 Resp: 51839
Ion Ratio Lower Upper
43 100
58 40.5 32.9 49.3





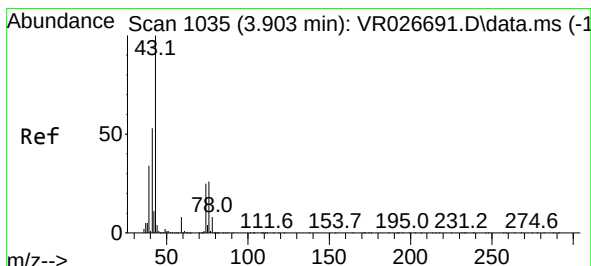
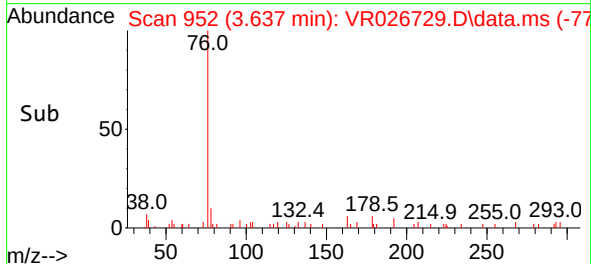
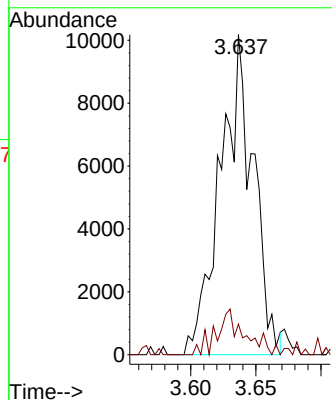
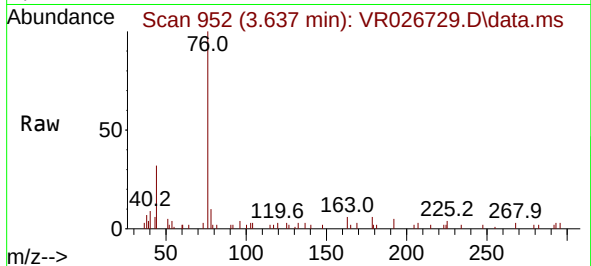
#17
Carbon Disulfide
Concen: 3.304 ug/l
RT: 3.637 min Scan# 91
Delta R.T. -0.016 min
Lab File: VR026729.D
Acq: 7 Aug 2025 16:08

Instrument : MSVOA_R
ClientSampleId :
LOQ-WATER-02-QT2-2025

Tgt Ion: 76 Resp: 17908
Ion Ratio Lower Upper
76 100
78 9.6 7.8 11.6

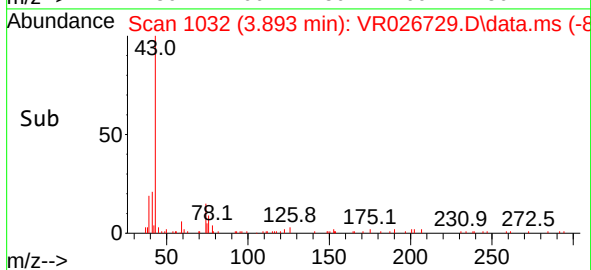
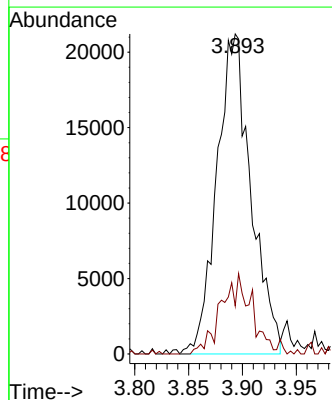
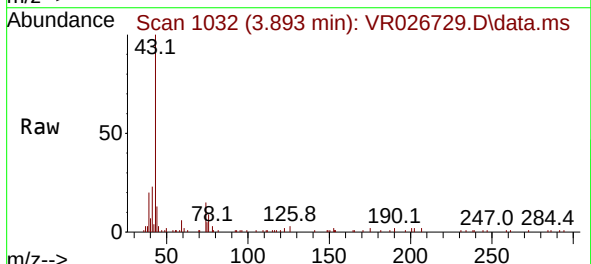
Manual Integrations
APPROVED

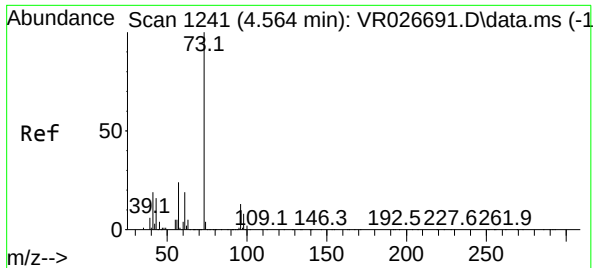
Reviewed By :Mahesh Dadoda 08/08/2025
Supervised By :Semsettin Yesilyurt 08/08/2025



#18
Methyl Acetate
Concen: 5.487 ug/l
RT: 3.893 min Scan# 1032
Delta R.T. -0.010 min
Lab File: VR026729.D
Acq: 7 Aug 2025 16:08

Tgt Ion: 43 Resp: 46821
Ion Ratio Lower Upper
43 100
74 11.2 19.4 29.0#





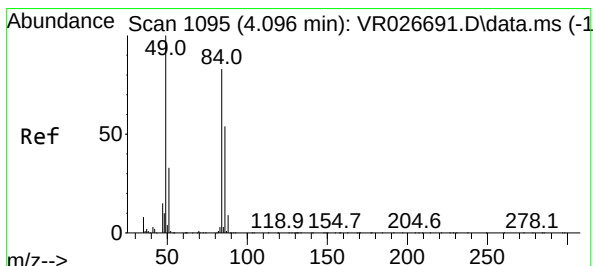
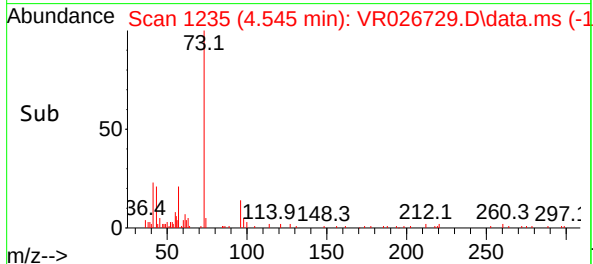
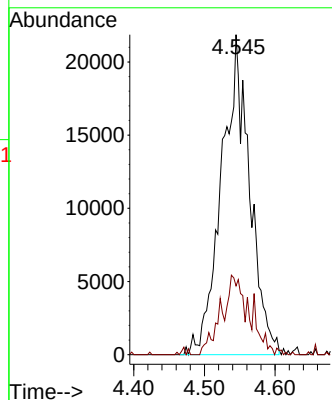
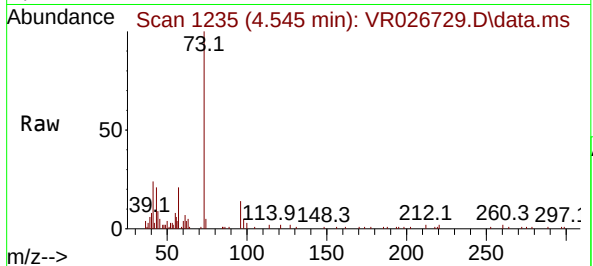
#19
Methyl tert-butyl Ether
Concen: 4.108 ug/l m
RT: 4.545 min Scan# 11
Delta R.T. -0.019 min
Lab File: VR026729.D
Acq: 7 Aug 2025 16:08

Instrument :
MSVOA_R
ClientSampleId :
LOQ-WATER-02-QT2-2025

Tgt Ion: 73 Resp: 6018
Ion Ratio Lower Upper
73 100
57 21.5 19.4 29.0

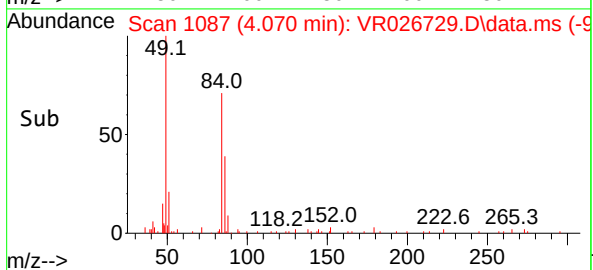
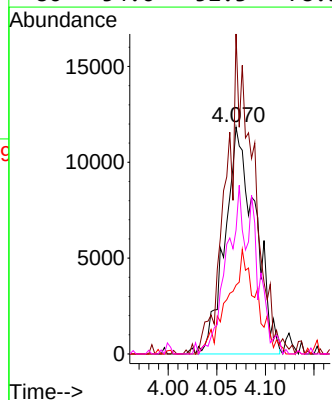
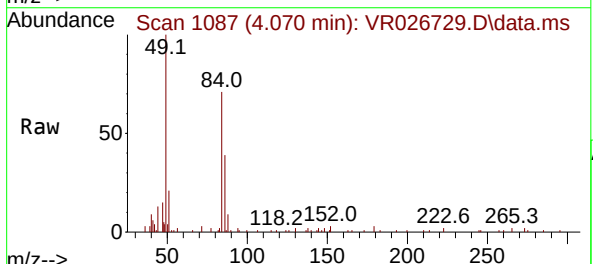
Manual Integrations
APPROVED

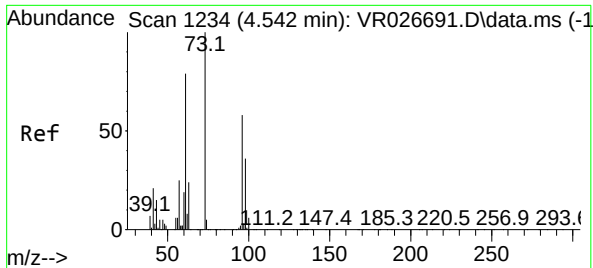
Reviewed By :Mahesh Dadoda 08/08/2025
Supervised By :Semsettin Yesilyurt 08/08/2025



#20
Methylene Chloride
Concen: 5.302 ug/l m
RT: 4.070 min Scan# 1087
Delta R.T. -0.026 min
Lab File: VR026729.D
Acq: 7 Aug 2025 16:08

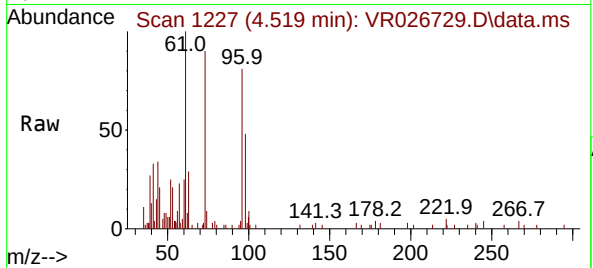
Tgt Ion: 84 Resp: 25727
Ion Ratio Lower Upper
84 100
49 141.0 96.2 144.4
51 30.3 31.8 47.6#
86 54.6 52.3 78.5





#21
trans-1,2-Dichloroethene
Concen: 4.193 ug/l m
RT: 4.519 min Scan# 1518
Delta R.T. -0.023 min
Lab File: VR026729.D
Acq: 7 Aug 2025 16:08

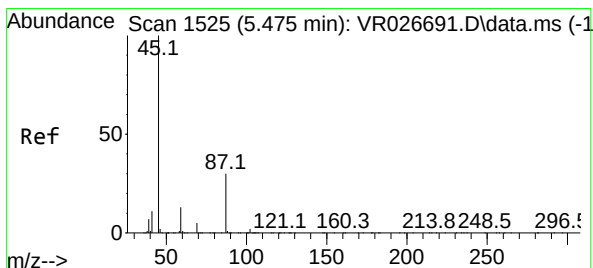
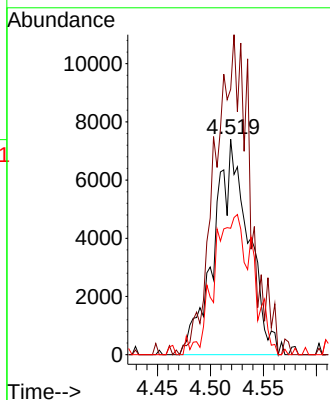
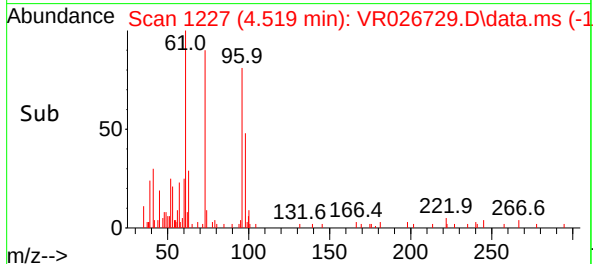
Instrument : MSVOA_R
ClientSampleId : LOQ-WATER-02-QT2-2025



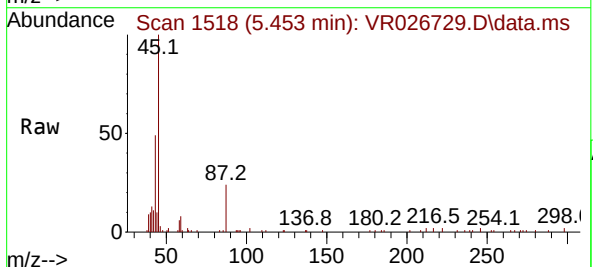
Tgt Ion: 96 Resp: 1687
Ion Ratio Lower Upper
96 100
61 123.2 110.3 165.5
98 58.7 50.2 75.4

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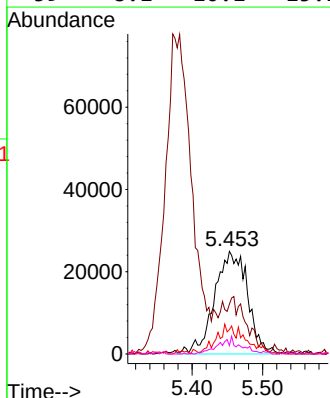
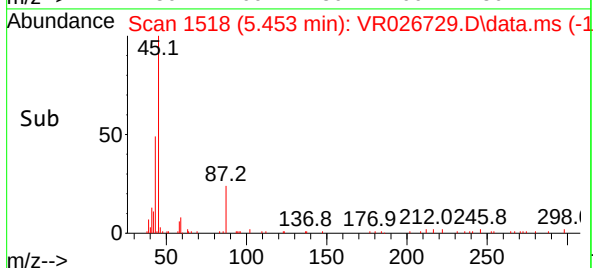
Reviewed By :Mahesh Dadoda 08/08/2025
Supervised By :Semsettin Yesilyurt 08/08/2025

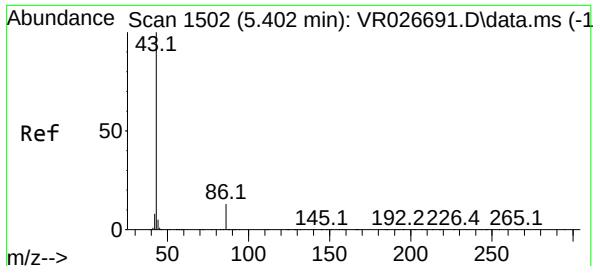


#22
Diisopropyl ether
Concen: 4.815 ug/l m
RT: 5.453 min Scan# 1518
Delta R.T. -0.023 min
Lab File: VR026729.D
Acq: 7 Aug 2025 16:08



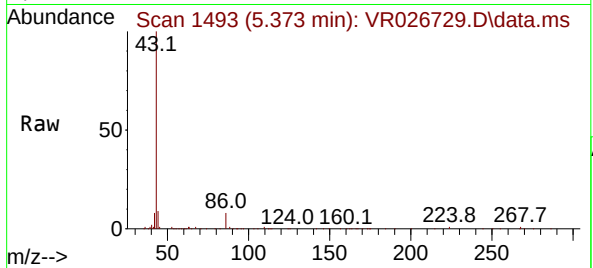
Tgt Ion: 45 Resp: 81268
Ion Ratio Lower Upper
45 100
43 48.5 38.2 57.2
87 23.7 24.0 36.0#
59 8.1 10.1 15.1#





#23
 Vinyl Acetate
 Concen: 21.355 ug/l
 RT: 5.373 min Scan# 1477
 Delta R.T. -0.029 min
 Lab File: VR026729.D
 Acq: 7 Aug 2025 16:08

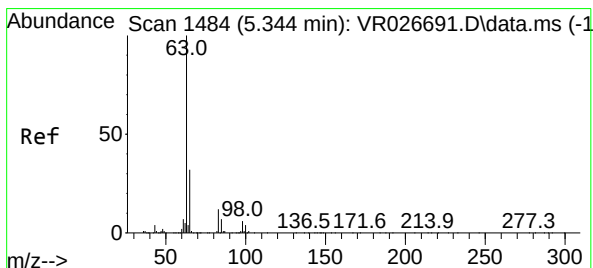
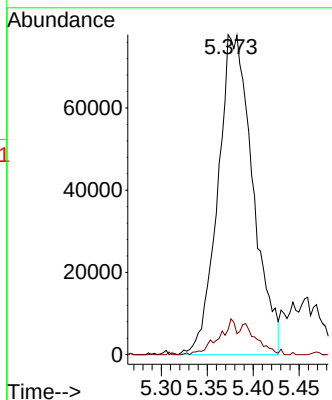
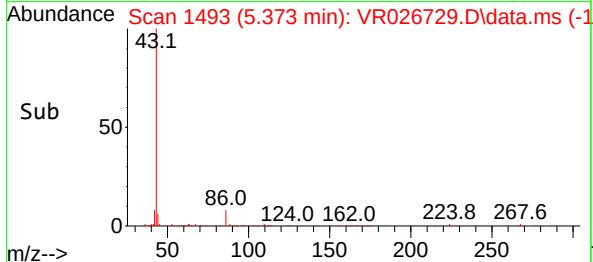
Instrument : MSVOA_R
 ClientSampleId : LOQ-WATER-02-QT2-2025



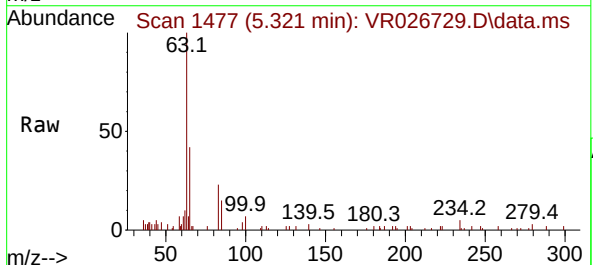
Tgt Ion: 43 Resp: 205520
 Ion Ratio Lower Upper
 43 100
 86 7.9 10.7 16.1

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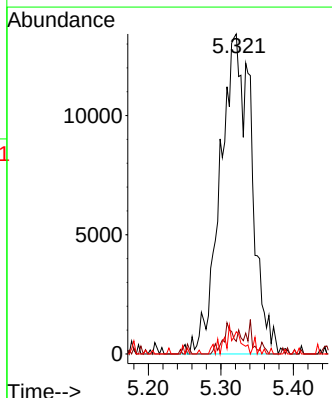
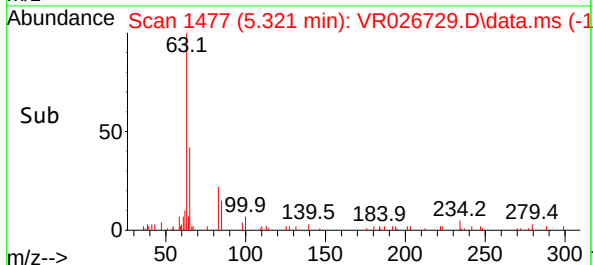
Reviewed By :Mahesh Dadoda 08/08/2025
 Supervised By :Semsettin Yesilyurt 08/08/2025

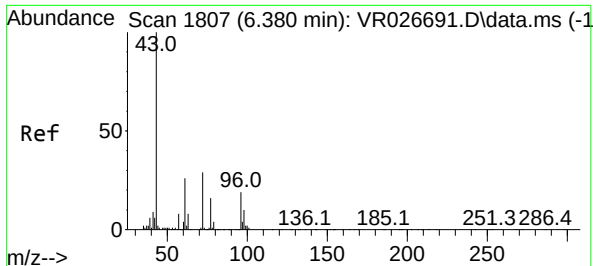


#24
 1,1-Dichloroethane
 Concen: 4.737 ug/l m
 RT: 5.321 min Scan# 1477
 Delta R.T. -0.023 min
 Lab File: VR026729.D
 Acq: 7 Aug 2025 16:08



Tgt Ion: 63 Resp: 40495
 Ion Ratio Lower Upper
 63 100
 98 4.0 2.9 8.8
 100 7.0 1.8 5.4





#25

2-Butanone

Concen: 25.347 ug/l

RT: 6.367 min Scan# 1794

Delta R.T. -0.013 min

Lab File: VR026729.D

Acq: 7 Aug 2025 16:08

Instrument :

MSVOA_R

ClientSampleId :

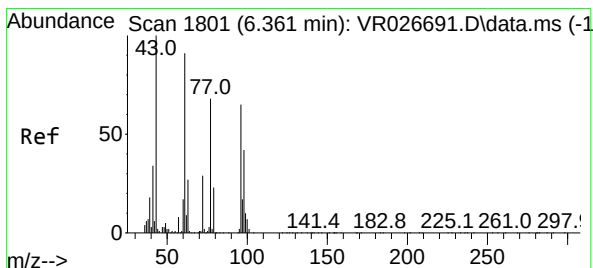
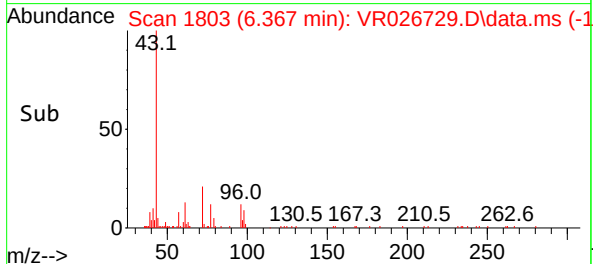
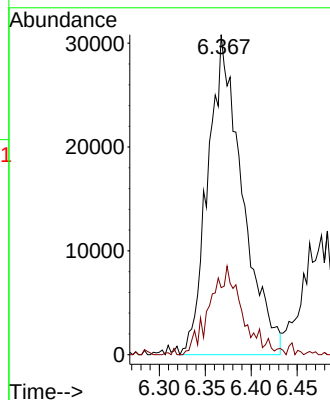
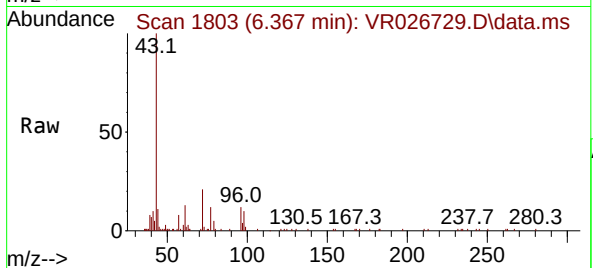
LOQ-WATER-02-QT2-2025

Tgt Ion: 43 Resp: 80214
 Ion Ratio Lower Upper
 43 100
 72 20.9 23.1 34.7

Manual Integrations

APPROVED

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



#26

2,2-Dichloropropane

Concen: 3.389 ug/l m

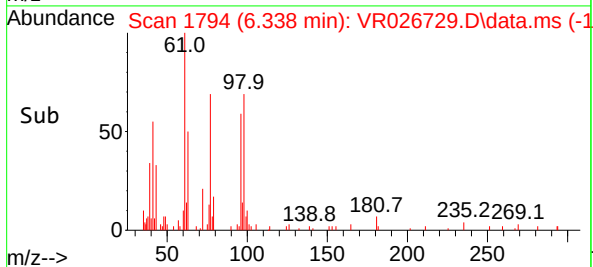
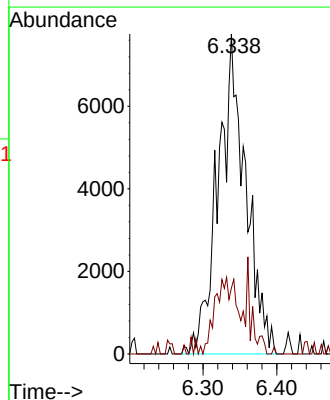
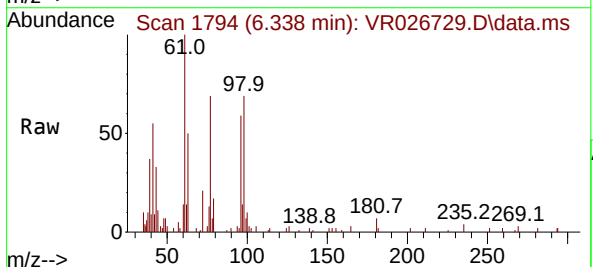
RT: 6.338 min Scan# 1794

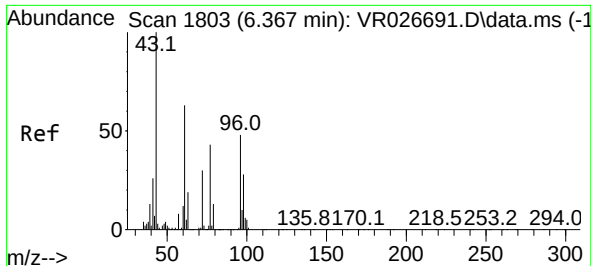
Delta R.T. -0.023 min

Lab File: VR026729.D

Acq: 7 Aug 2025 16:08

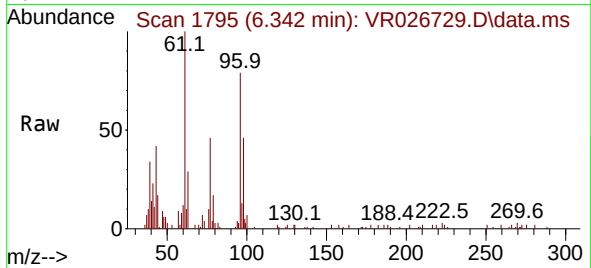
Tgt Ion: 77 Resp: 20029
 Ion Ratio Lower Upper
 77 100
 97 12.1 12.3 36.8





#27
 cis-1,2-Dichloroethene
 Concen: 4.441 ug/l m
 RT: 6.342 min Scan# 1
 Delta R.T. -0.026 min
 Lab File: VR026729.D
 Acq: 7 Aug 2025 16:08

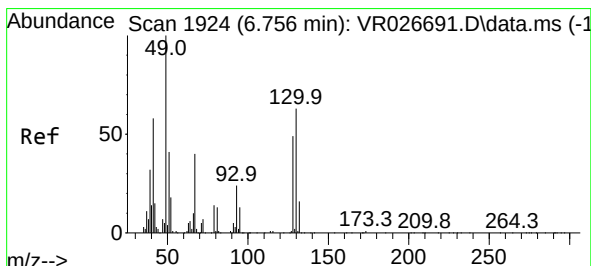
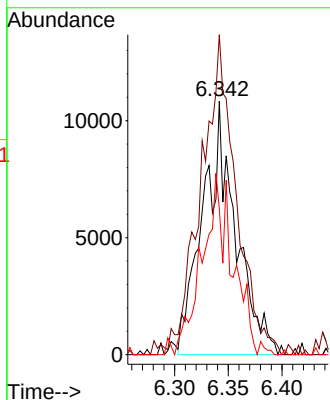
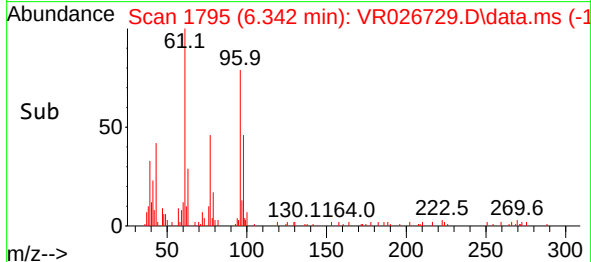
Instrument :
 MSVOA_R
 ClientSampleId :
 LOQ-WATER-02-QT2-2025



Tgt Ion: 96 Resp: 2299
 Ion Ratio Lower Upper
 96 100
 61 134.1 0.0 279.8
 98 42.0 0.0 125.2

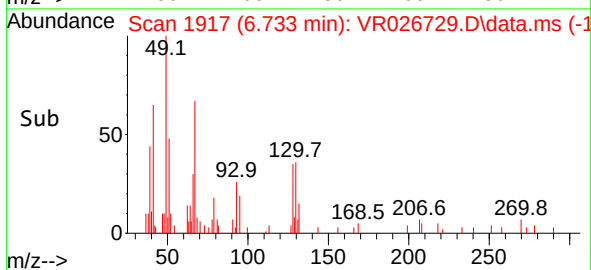
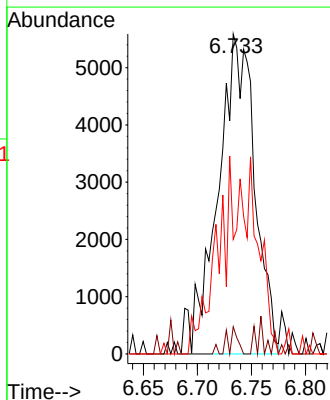
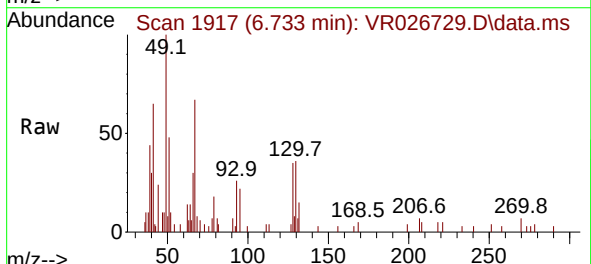
Manual Integrations
 APPROVED

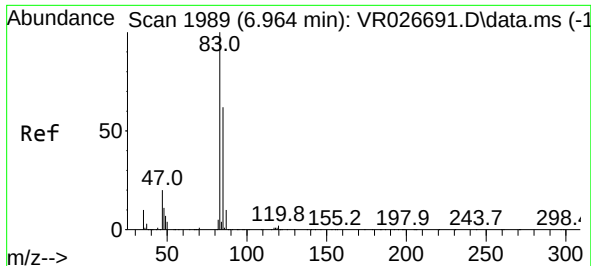
Reviewed By :Mahesh Dadoda 08/08/2025
 Supervised By :Semsettin Yesilyurt 08/08/2025



#28
 Bromochloromethane
 Concen: 4.359 ug/l m
 RT: 6.733 min Scan# 1917
 Delta R.T. -0.023 min
 Lab File: VR026729.D
 Acq: 7 Aug 2025 16:08

Tgt Ion: 49 Resp: 13425
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 3.4
 130 6.6 52.2 78.4#





#29

Chloroform

Concen: 4.877 ug/l

RT: 6.945 min Scan# 1983

Delta R.T. -0.019 min

Lab File: VR026729.D

Acq: 7 Aug 2025 16:08

Instrument :

MSVOA_R

ClientSampleId :

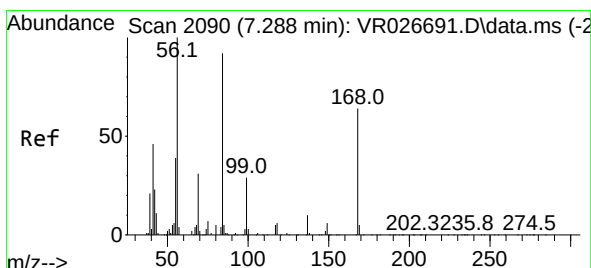
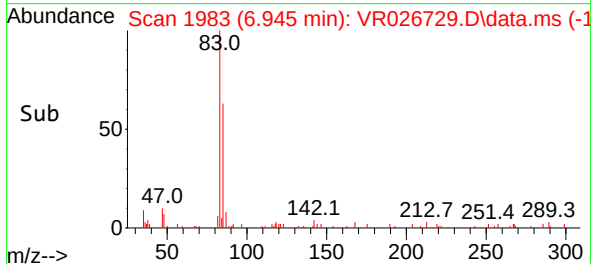
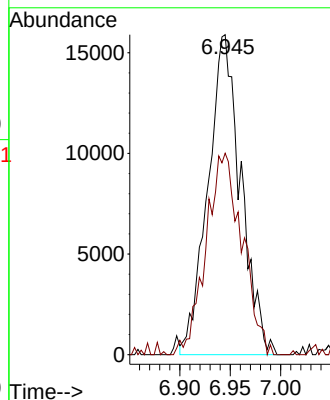
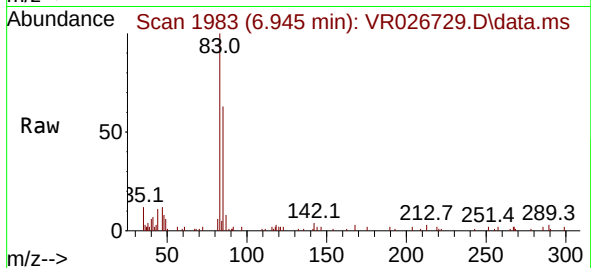
LOQ-WATER-02-QT2-2025

Tgt Ion: 83 Resp: 36114
 Ion Ratio Lower Upper
 83 100
 85 62.9 49.6 74.4

Manual Integrations

APPROVED

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



#30

Cyclohexane

Concen: 4.668 ug/l m

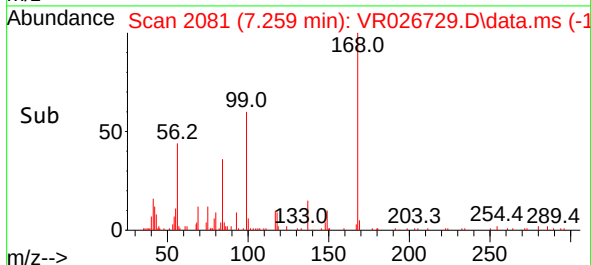
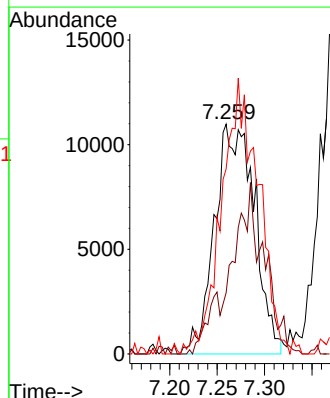
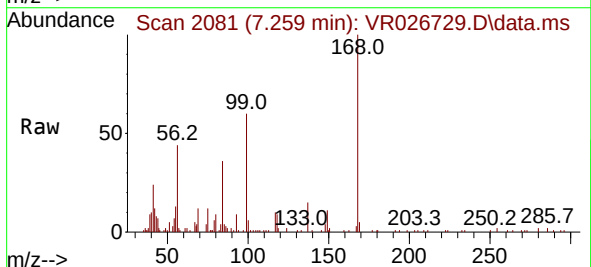
RT: 7.259 min Scan# 2081

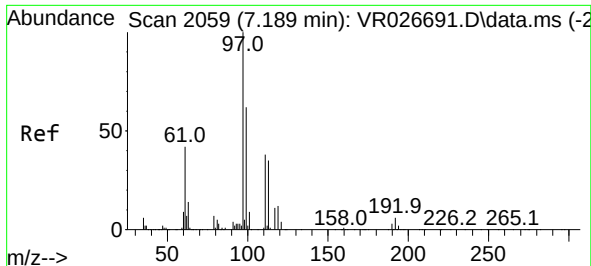
Delta R.T. -0.029 min

Lab File: VR026729.D

Acq: 7 Aug 2025 16:08

Tgt Ion: 56 Resp: 32223
 Ion Ratio Lower Upper
 56 100
 69 26.6 24.8 37.2
 84 80.5 73.1 109.7





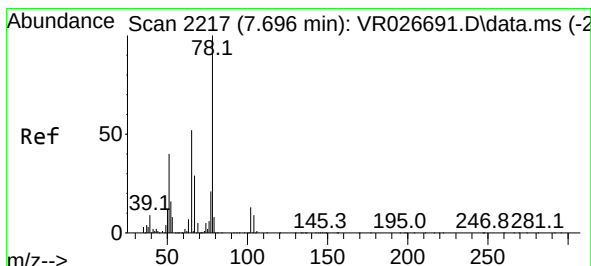
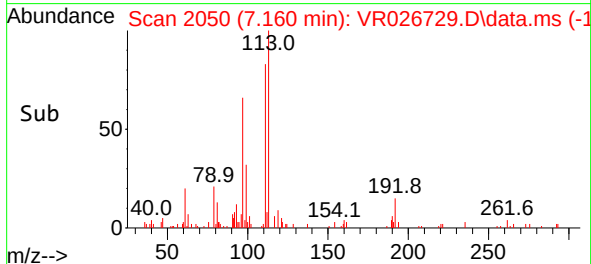
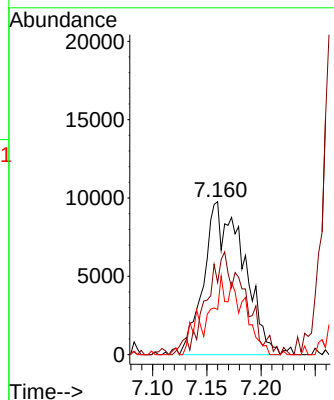
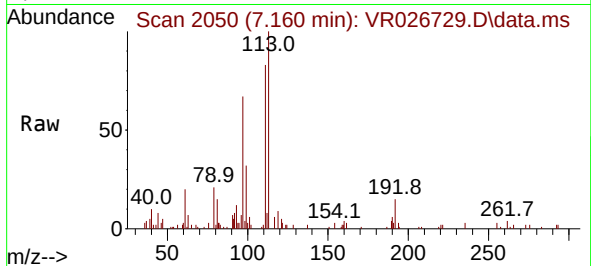
#31
1,1,1-Trichloroethane
Concen: 4.640 ug/l m
RT: 7.160 min Scan# 2059
Delta R.T. -0.029 min
Lab File: VR026729.D
Acq: 7 Aug 2025 16:08

Instrument : MSVOA_R
ClientSampleId : LOQ-WATER-02-QT2-2025

Tgt Ion: 97 Resp: 24819
Ion Ratio Lower Upper
97 100
99 34.7 51.0 76.6
61 11.6 36.3 54.5

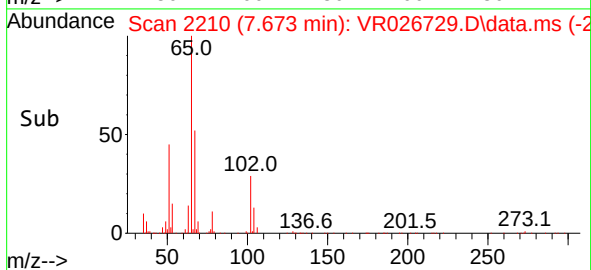
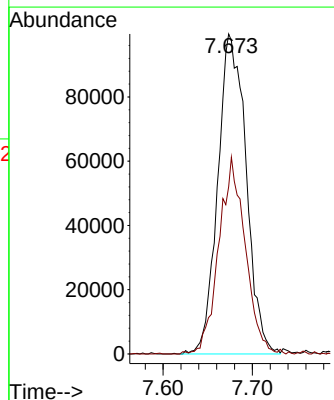
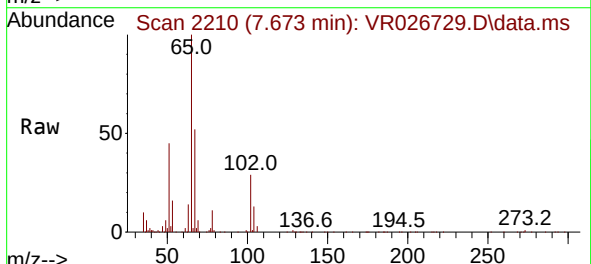
Manual Integrations
APPROVED

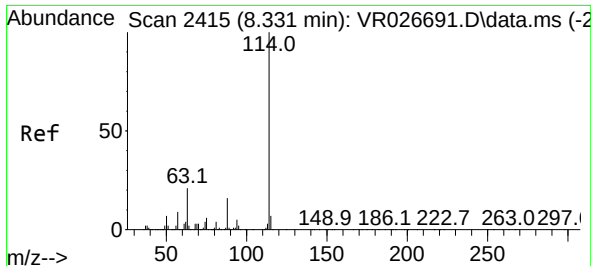
Reviewed By :Mahesh Dadoda 08/08/2025
Supervised By :Semsettin Yesilyurt 08/08/2025



#32
1,2-Dichloroethane-d4
Concen: 50.370 ug/l
RT: 7.673 min Scan# 2210
Delta R.T. -0.023 min
Lab File: VR026729.D
Acq: 7 Aug 2025 16:08

Tgt Ion: 65 Resp: 219427
Ion Ratio Lower Upper
65 100
67 56.3 0.0 118.4





#33

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.318 min Scan# 2415

Delta R.T. -0.013 min

Lab File: VR026729.D

Acq: 7 Aug 2025 16:08

Instrument :

MSVOA_R

ClientSampleId :

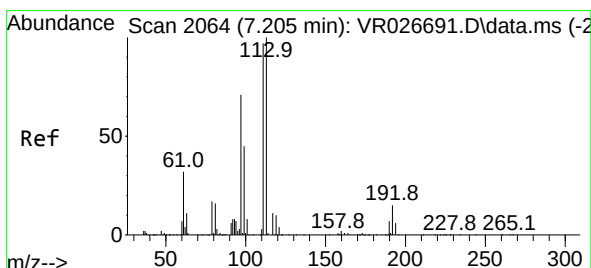
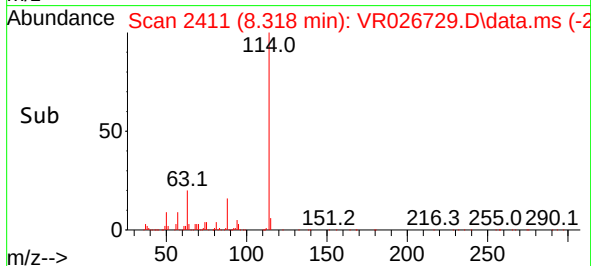
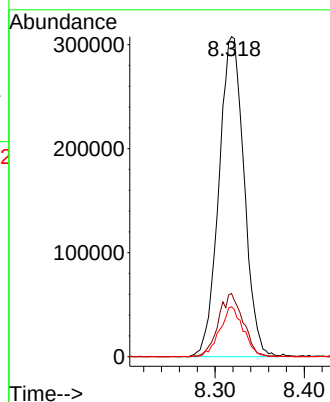
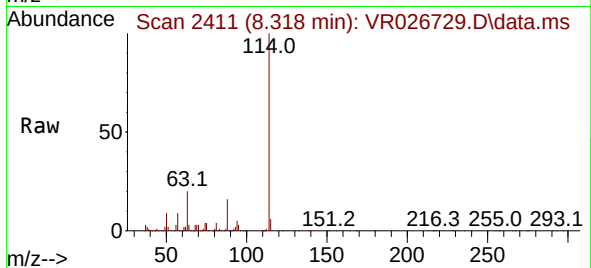
LOQ-WATER-02-QT2-2025

Tgt Ion:	114	Resp:	60248
Ion Ratio	Lower	Upper	
114	100		
63	19.8	0.0	41.6
88	15.6	0.0	32.6

Manual Integrations

APPROVED

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



#34

Dibromofluoromethane

Concen: 49.855 ug/l

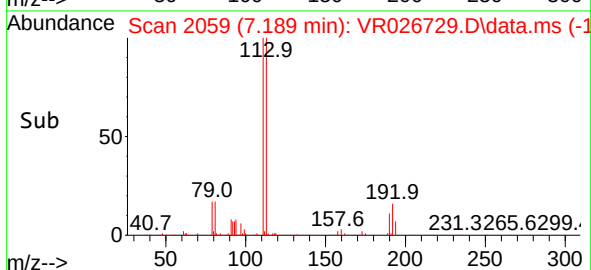
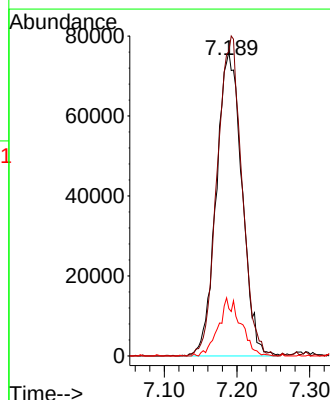
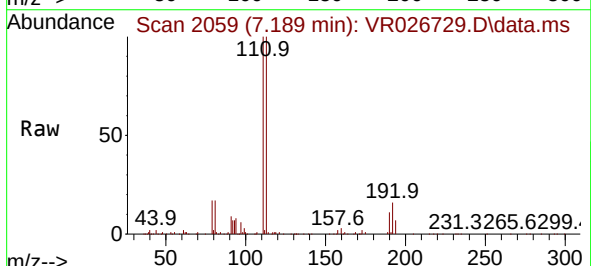
RT: 7.189 min Scan# 2059

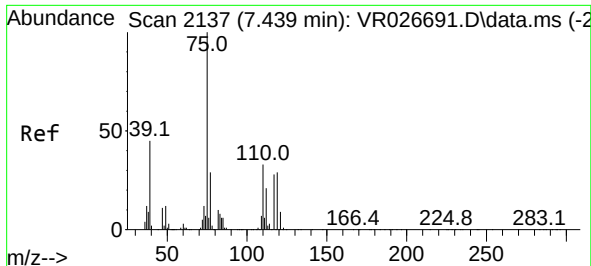
Delta R.T. -0.016 min

Lab File: VR026729.D

Acq: 7 Aug 2025 16:08

Tgt Ion:	113	Resp:	185781
Ion Ratio	Lower	Upper	
113	100		
111	102.0	81.7	122.5
192	16.6	12.3	18.5





#35

1,1-Dichloropropene

Concen: 5.324 ug/l m

RT: 7.417 min Scan# 2137

Delta R.T. -0.023 min

Lab File: VR026729.D

Acq: 7 Aug 2025 16:08

Instrument :

MSVOA_R

ClientSampleId :

LOQ-WATER-02-QT2-2025

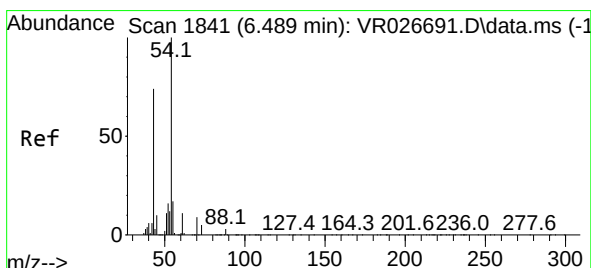
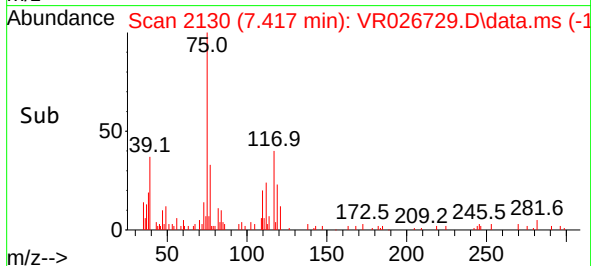
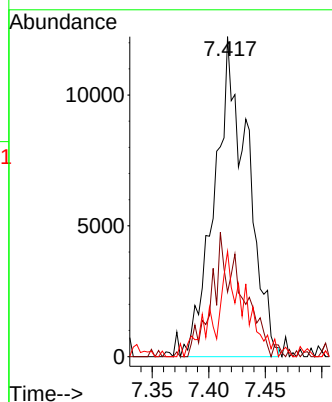
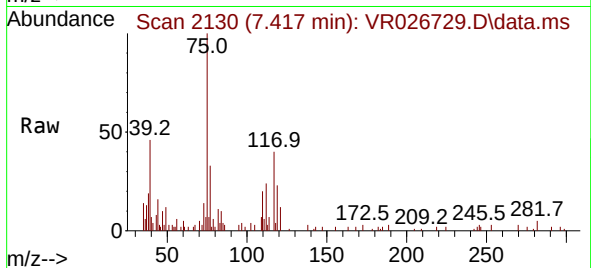
Tgt Ion:	75	Resp:	25030
Ion Ratio	Lower	Upper	
75	100		
110	17.2	17.0	50.9
77	8.0	24.6	37.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/08/2025

Supervised By :Semsettin Yesilyurt 08/08/2025



#36

Ethyl Acetate

Concen: 5.151 ug/l m

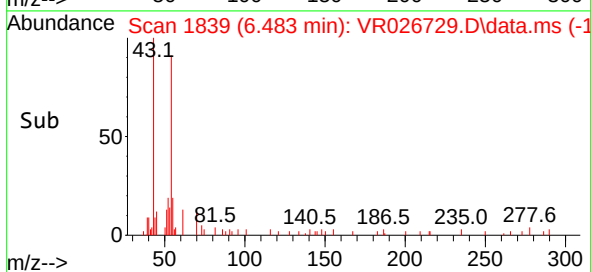
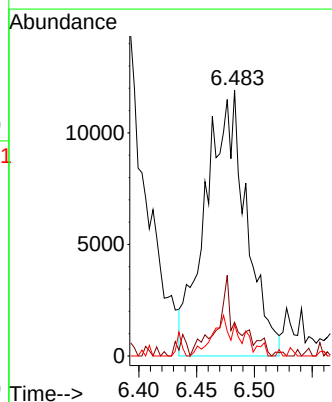
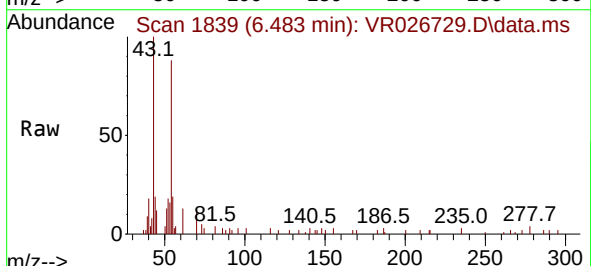
RT: 6.483 min Scan# 1839

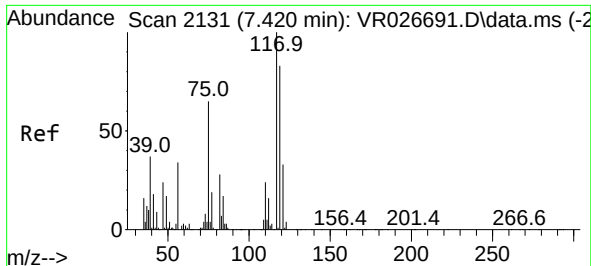
Delta R.T. -0.007 min

Lab File: VR026729.D

Acq: 7 Aug 2025 16:08

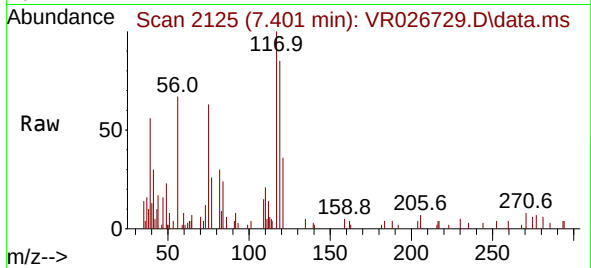
Tgt Ion:	43	Resp:	28990
Ion Ratio	Lower	Upper	
43	100		
61	11.6	12.0	18.0#
70	6.0	9.0	13.6#





#37
Carbon Tetrachloride
Concen: 4.435 ug/l m
RT: 7.401 min Scan# 2131
Delta R.T. -0.019 min
Lab File: VR026729.D
Acq: 7 Aug 2025 16:08

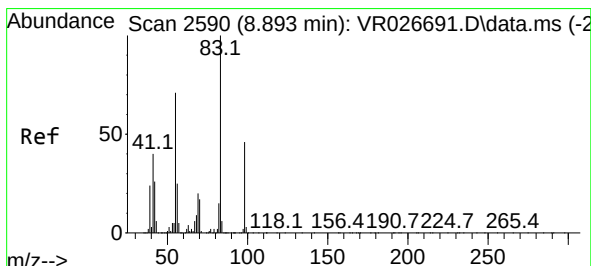
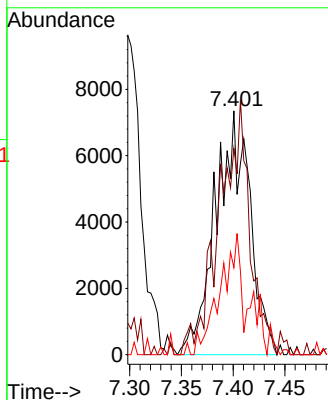
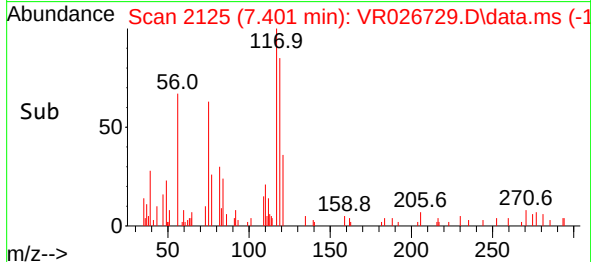
Instrument : MSVOA_R
ClientSampleId : LOQ-WATER-02-QT2-2025



Tgt Ion: 117 Resp: 16980
Ion Ratio Lower Upper
117 100
119 84.6 67.0 100.4
121 35.7 26.3 39.5

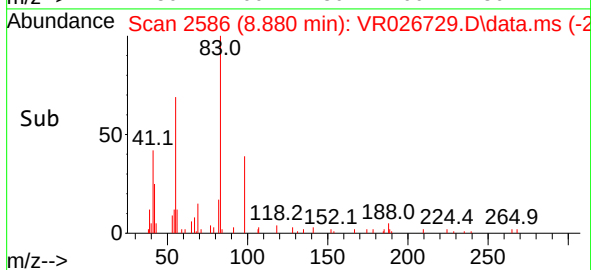
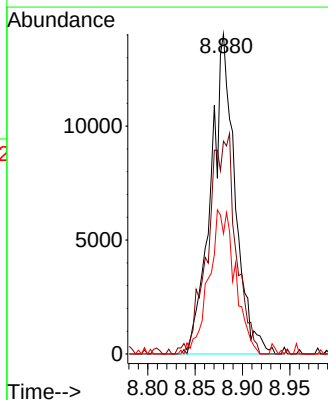
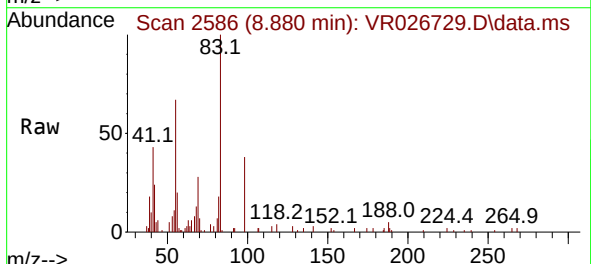
Manual Integrations
APPROVED

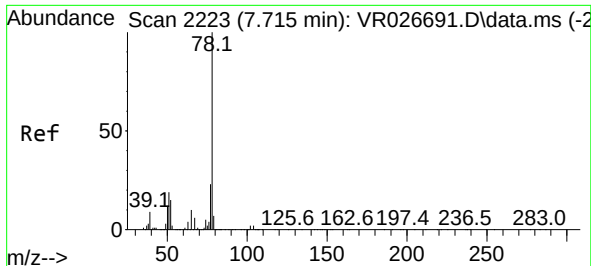
Reviewed By :Mahesh Dadoda 08/08/2025
Supervised By :Semsettin Yesilyurt 08/08/2025



#38
Methylcyclohexane
Concen: 4.659 ug/l
RT: 8.880 min Scan# 2586
Delta R.T. -0.013 min
Lab File: VR026729.D
Acq: 7 Aug 2025 16:08

Tgt Ion: 83 Resp: 25073
Ion Ratio Lower Upper
83 100
55 66.5 56.7 85.1
98 37.6 36.7 55.1





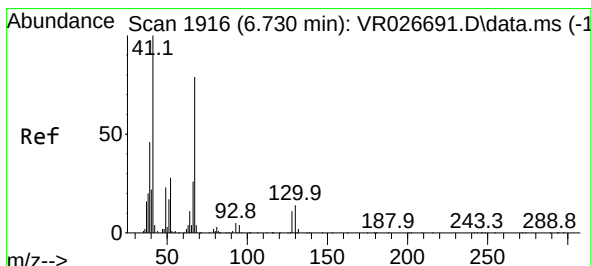
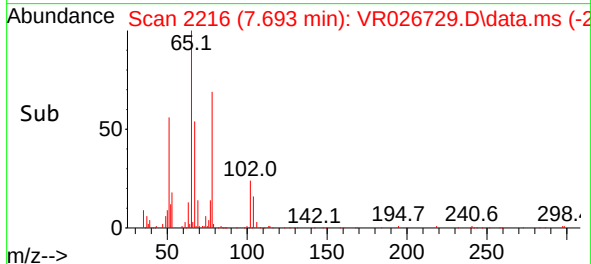
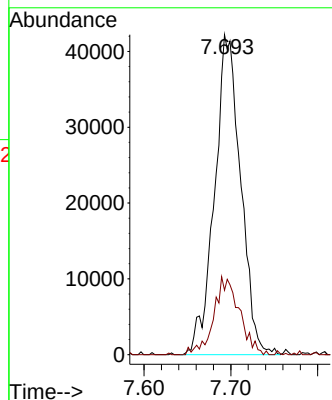
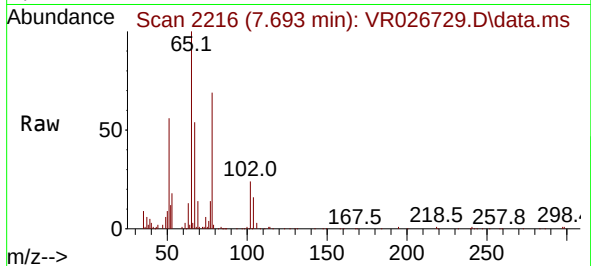
#39
Benzene
Concen: 5.221 ug/l
RT: 7.693 min Scan# 211
Delta R.T. -0.023 min
Lab File: VR026729.D
Acq: 7 Aug 2025 16:08

Instrument : MSVOA_R
ClientSampleId : LOQ-WATER-02-QT2-2025

Tgt Ion: 78 Resp: 88389
Ion Ratio Lower Upper
78 100
77 20.2 18.8 28.2

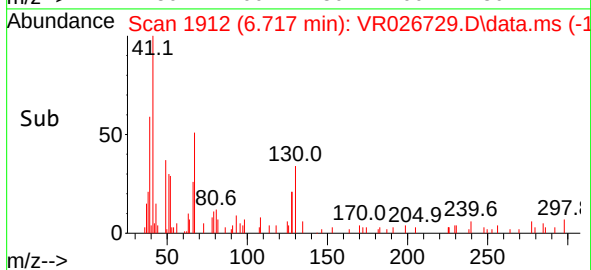
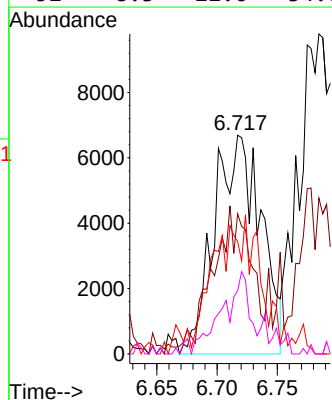
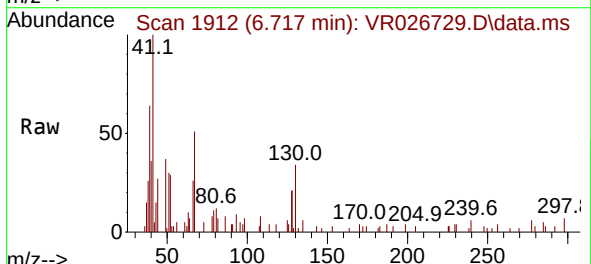
Manual Integrations
APPROVED

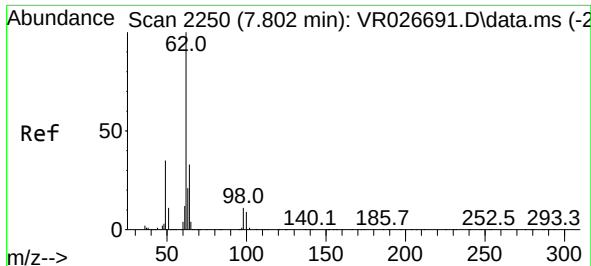
Reviewed By :Mahesh Dadoda 08/08/2025
Supervised By :Semsettin Yesilyurt 08/08/2025



#40
Methacrylonitrile
Concen: 5.143 ug/l m
RT: 6.717 min Scan# 1912
Delta R.T. -0.013 min
Lab File: VR026729.D
Acq: 7 Aug 2025 16:08

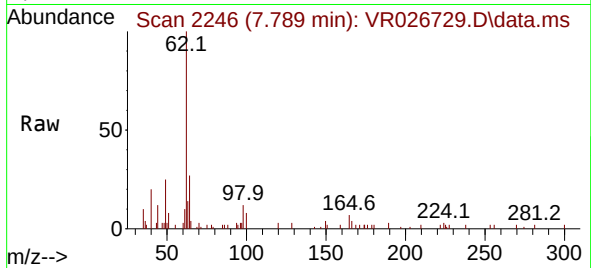
Tgt Ion: 41 Resp: 17988
Ion Ratio Lower Upper
41 100
39 28.7 42.4 63.6#
67 4.1 65.6 98.4#
52 8.3 22.6 34.0#





#41
1,2-Dichloroethane
Concen: 5.604 ug/l
RT: 7.789 min Scan# 21
Delta R.T. -0.013 min
Lab File: VR026729.D
Acq: 7 Aug 2025 16:08

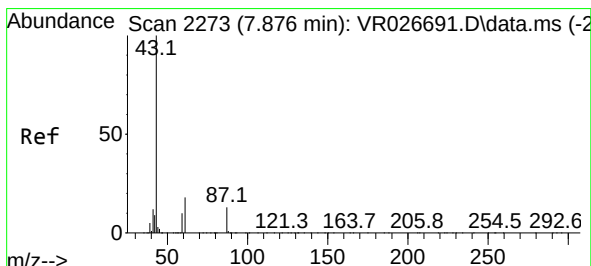
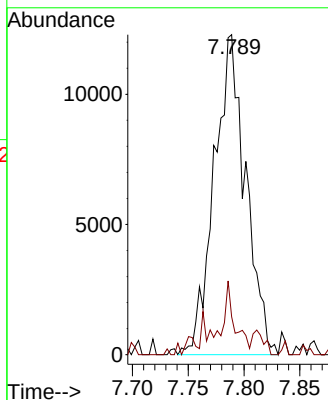
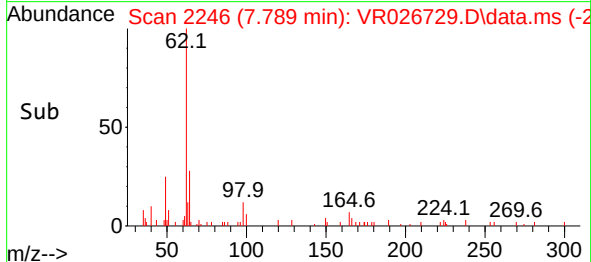
Instrument : MSVOA_R
ClientSampleId :
LOQ-WATER-02-QT2-2025



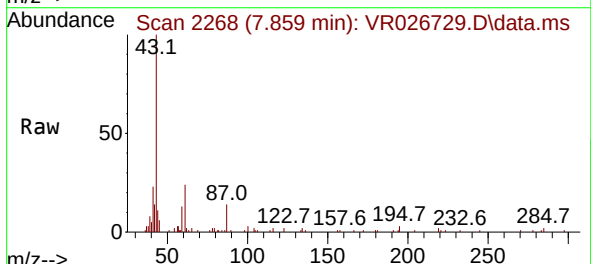
Tgt Ion: 62 Resp: 24130
Ion Ratio Lower Upper
62 100
98 7.3 0.0 22.2

Manual Integrations
APPROVED

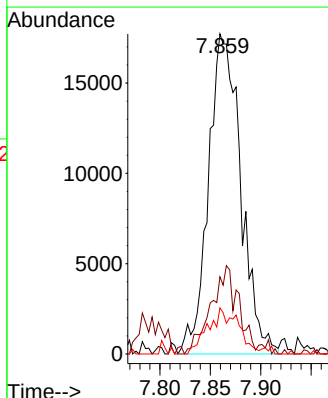
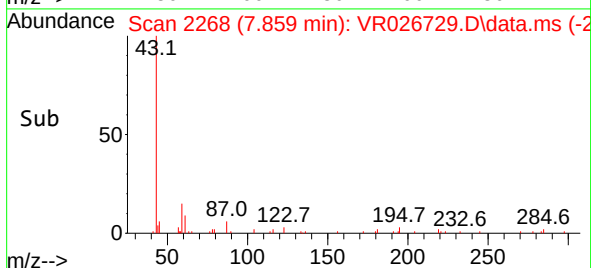
Reviewed By :Mahesh Dadoda 08/08/2025
Supervised By :Semsettin Yesilyurt 08/08/2025

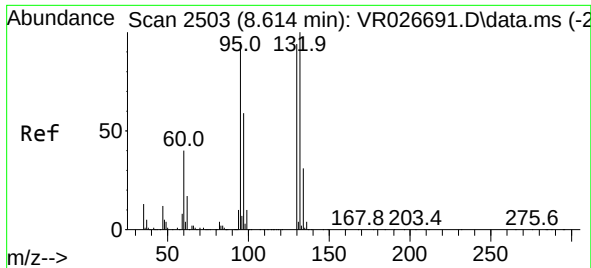


#42
Isopropyl Acetate
Concen: 4.370 ug/l
RT: 7.859 min Scan# 2268
Delta R.T. -0.016 min
Lab File: VR026729.D
Acq: 7 Aug 2025 16:08



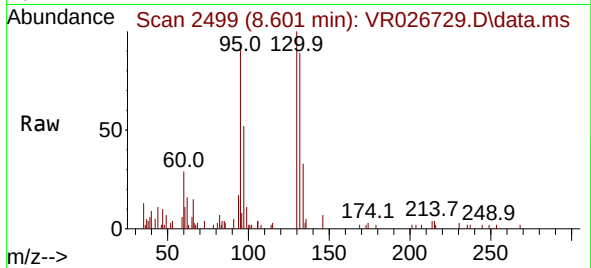
Tgt Ion: 43 Resp: 39543
Ion Ratio Lower Upper
43 100
61 23.4 17.9 26.9
87 8.0 10.8 16.2





#43
Trichloroethene
Concen: 4.889 ug/l m
RT: 8.601 min Scan# 2499
Delta R.T. -0.013 min
Lab File: VR026729.D
Acq: 7 Aug 2025 16:08

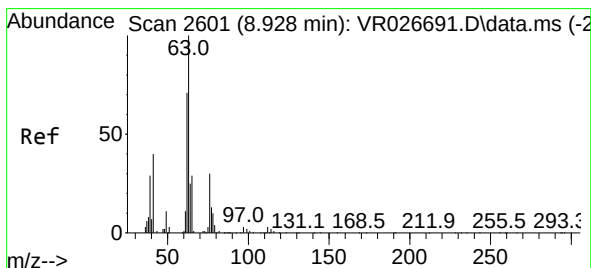
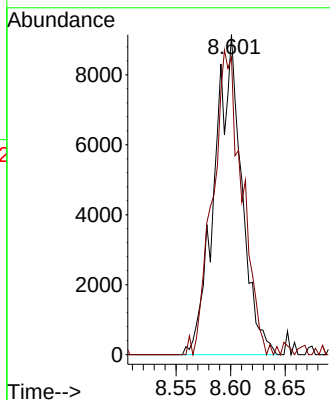
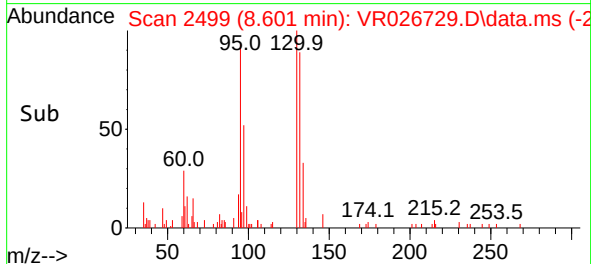
Instrument : MSVOA_R
ClientSampleId : LOQ-WATER-02-QT2-2025



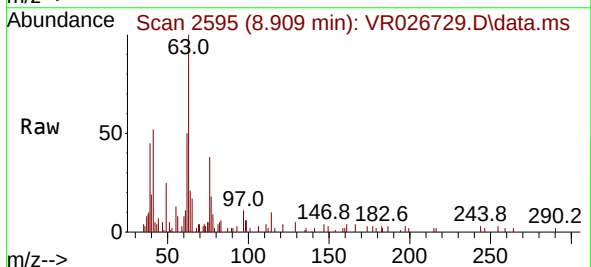
Tgt Ion:130 Resp: 15910
Ion Ratio Lower Upper
130 100
95 93.1 0.0 200.6

Manual Integrations
APPROVED

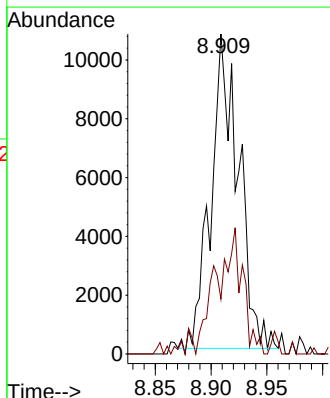
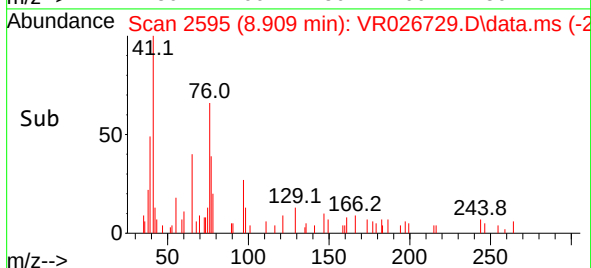
Reviewed By :Mahesh Dadoda 08/08/2025
Supervised By :Semsettin Yesilyurt 08/08/2025

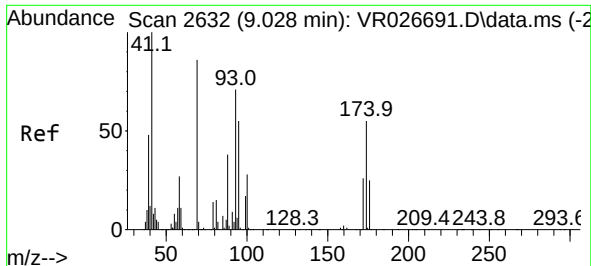


#44
1,2-Dichloropropane
Concen: 4.579 ug/l
RT: 8.909 min Scan# 2595
Delta R.T. -0.019 min
Lab File: VR026729.D
Acq: 7 Aug 2025 16:08



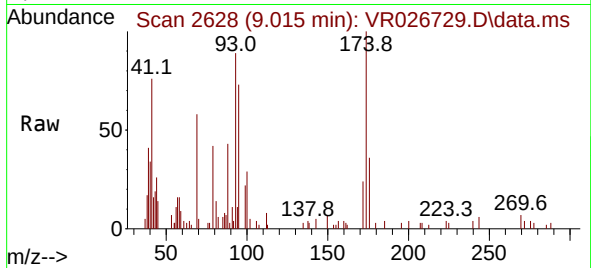
Tgt Ion: 63 Resp: 18346
Ion Ratio Lower Upper
63 100
65 16.0 23.8 35.8#





#45
Dibromomethane
Concen: 6.128 ug/l
RT: 9.015 min Scan# 2632
Delta R.T. -0.013 min
Lab File: VR026729.D
Acq: 7 Aug 2025 16:08

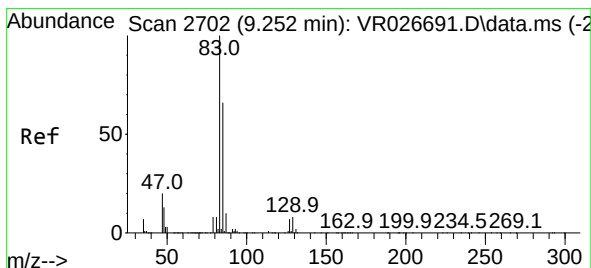
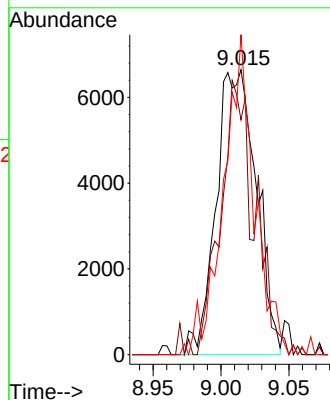
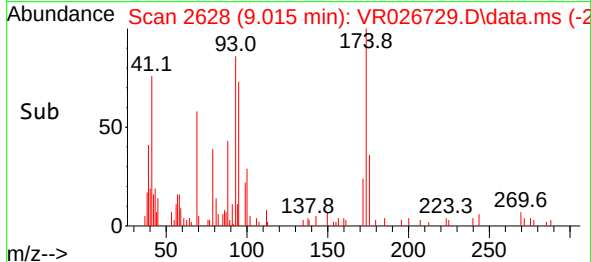
Instrument : MSVOA_R
ClientSampleId : LOQ-WATER-02-QT2-2025



Tgt Ion: 93 Resp: 13654
Ion Ratio Lower Upper
93 100
95 66.2 69.4 104.0#
174 86.6 66.9 100.3#

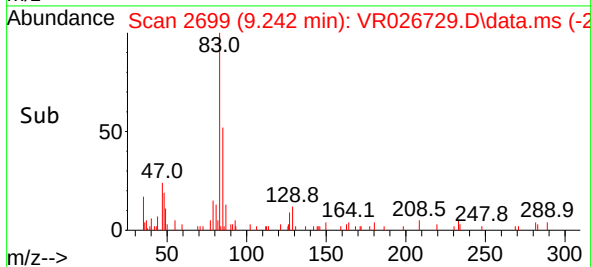
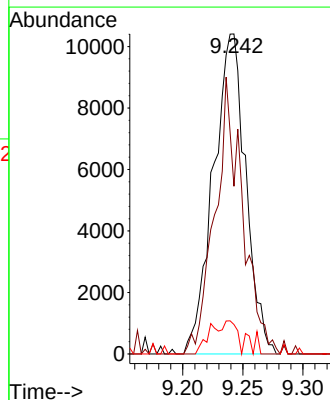
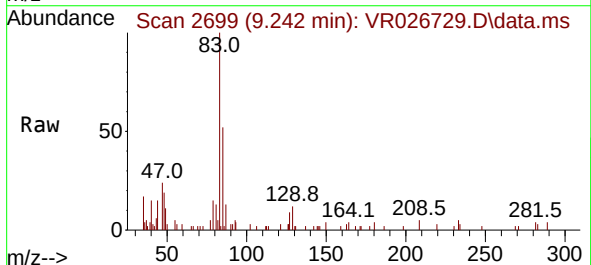
Manual Integrations
APPROVED

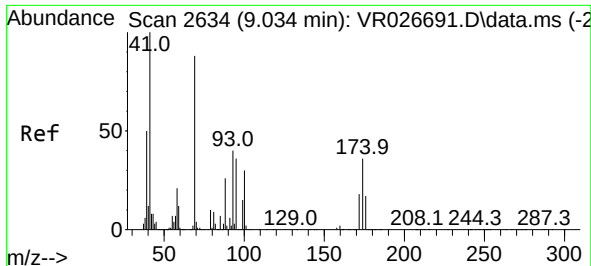
Reviewed By :Mahesh Dadoda 08/08/2025
Supervised By :Semsettin Yesilyurt 08/08/2025



#46
Bromodichloromethane
Concen: 4.519 ug/l
RT: 9.242 min Scan# 2699
Delta R.T. -0.010 min
Lab File: VR026729.D
Acq: 7 Aug 2025 16:08

Tgt Ion: 83 Resp: 19510
Ion Ratio Lower Upper
83 100
85 52.4 52.6 78.8#
127 9.2 5.5 8.3#





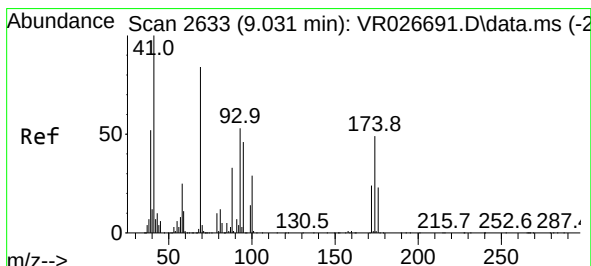
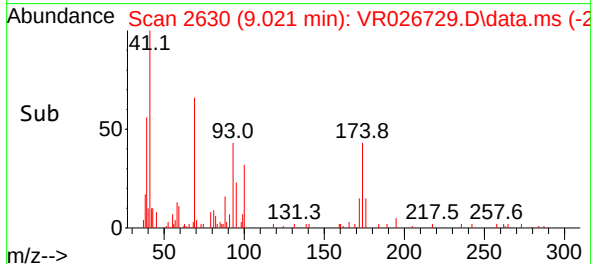
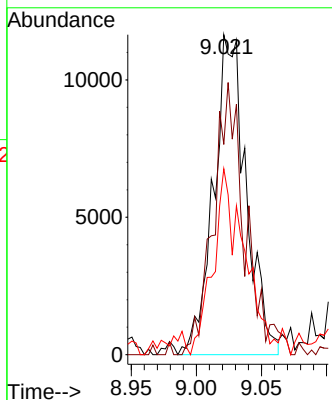
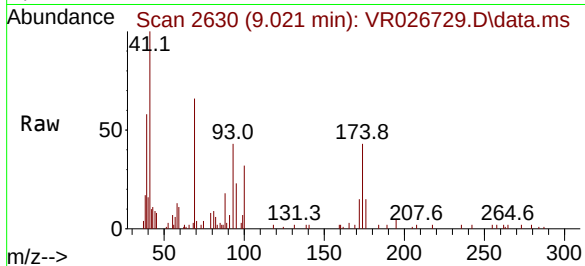
#47
Methyl methacrylate
Concen: 5.090 ug/l
RT: 9.021 min Scan# 2015
Delta R.T. -0.013 min
Lab File: VR026729.D
Acq: 7 Aug 2025 16:08

Instrument : MSVOA_R
ClientSampleId : LOQ-WATER-02-QT2-2025

Tgt Ion: 41 Resp: 2015
Ion Ratio Lower Upper
41 100
69 79.7 69.8 104.6
39 31.9 39.4 59.2

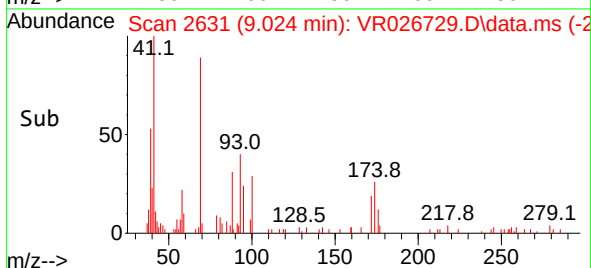
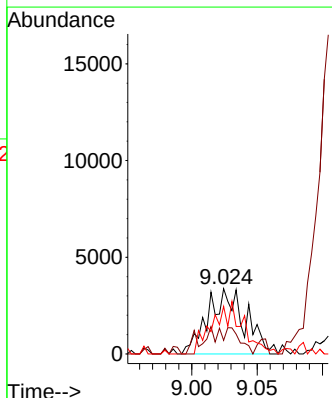
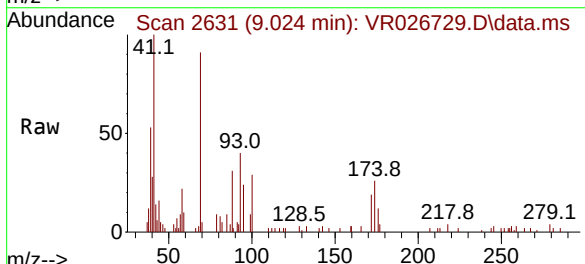
Manual Integrations
APPROVED

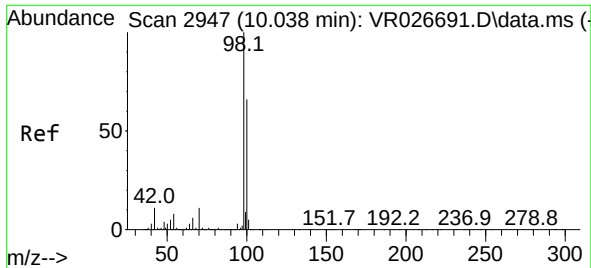
Reviewed By :Mahesh Dadoda 08/08/2025
Supervised By :Semsettin Yesilyurt 08/08/2025



#48
1,4-Dioxane
Concen: 103.293 ug/l m
RT: 9.024 min Scan# 2631
Delta R.T. -0.007 min
Lab File: VR026729.D
Acq: 7 Aug 2025 16:08

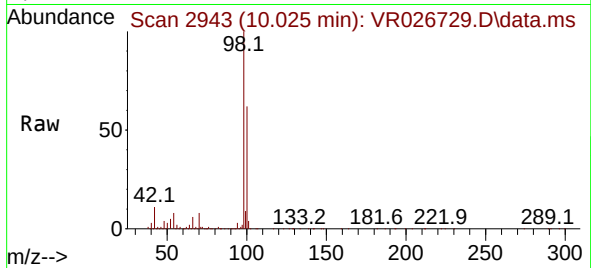
Tgt Ion: 88 Resp: 6590
Ion Ratio Lower Upper
88 100
43 15.4 25.2 37.8#
58 34.9 60.8 91.2#





#49
Toluene-d8
Concen: 56.602 ug/l
RT: 10.025 min Scan# 2943
Delta R.T. -0.013 min
Lab File: VR026729.D
Acq: 7 Aug 2025 16:08

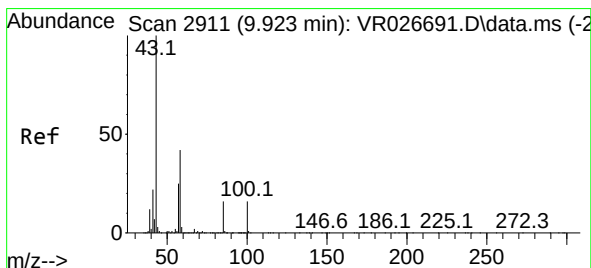
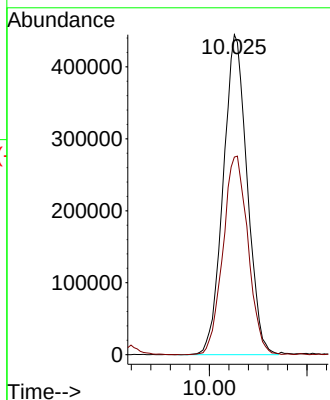
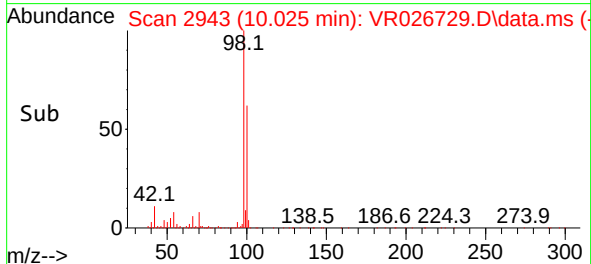
Instrument : MSVOA_R
ClientSampleId : LOQ-WATER-02-QT2-2025



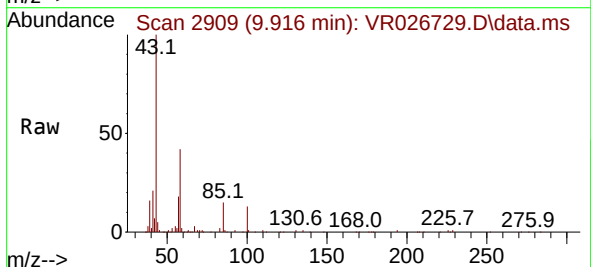
Tgt Ion: 98 Resp: 755660
Ion Ratio Lower Upper
98 100
100 65.0 53.9 80.9

Manual Integrations
APPROVED

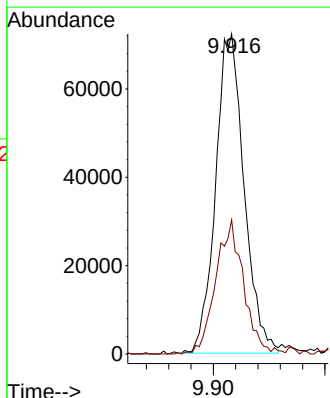
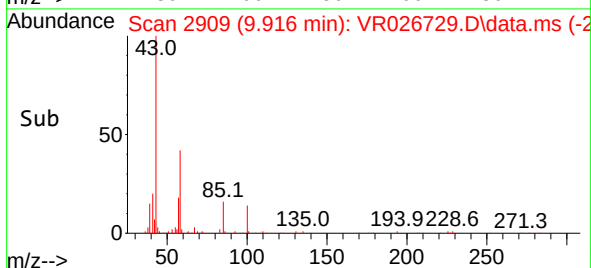
Reviewed By :Mahesh Dadoda 08/08/2025
Supervised By :Semsettin Yesilyurt 08/08/2025

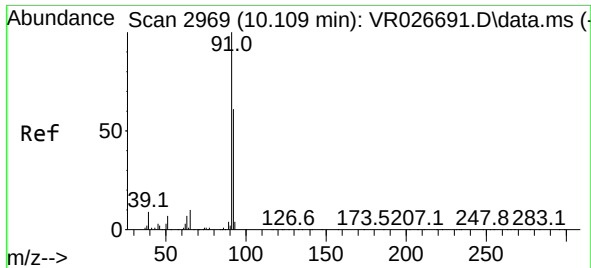


#50
4-Methyl-2-Pentanone
Concen: 27.088 ug/l
RT: 9.916 min Scan# 2909
Delta R.T. -0.007 min
Lab File: VR026729.D
Acq: 7 Aug 2025 16:08



Tgt Ion: 43 Resp: 127978
Ion Ratio Lower Upper
43 100
58 40.5 33.7 50.5





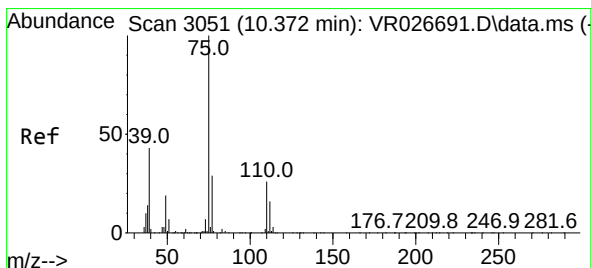
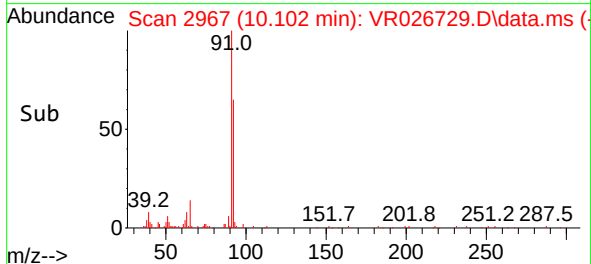
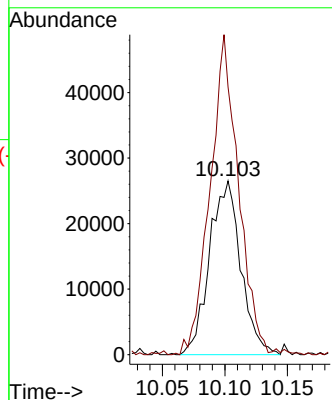
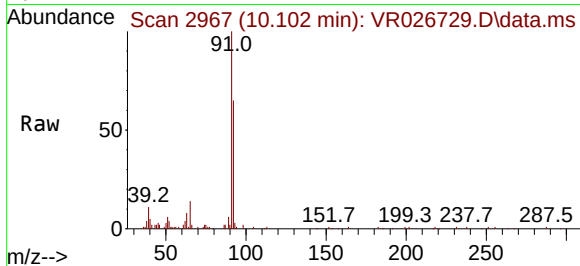
#51
Toluene
Concen: 5.359 ug/l
RT: 10.102 min Scan# 2969
Delta R.T. -0.007 min
Lab File: VR026729.D
Acq: 7 Aug 2025 16:08

Instrument : MSVOA_R
ClientSampleId : LOQ-WATER-02-QT2-2025

Tgt Ion: 92 Resp: 4631
Ion Ratio Lower Upper
92 100
91 166.5 137.8 206.6

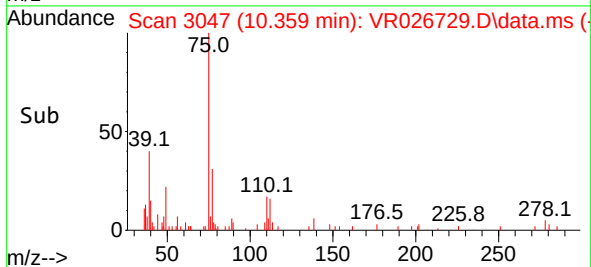
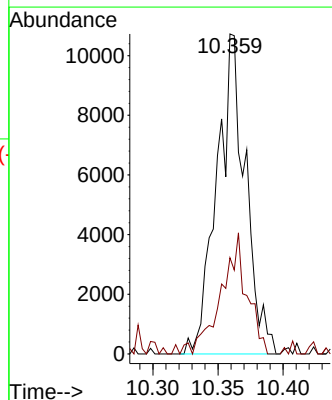
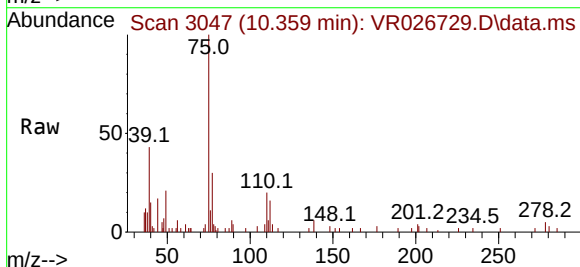
Manual Integrations
APPROVED

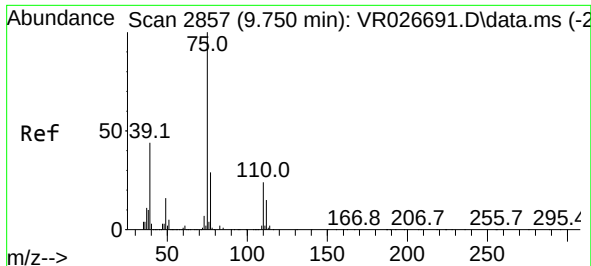
Reviewed By :Mahesh Dadoda 08/08/2025
Supervised By :Semsettin Yesilyurt 08/08/2025



#52
t-1,3-Dichloropropene
Concen: 3.859 ug/l
RT: 10.359 min Scan# 3047
Delta R.T. -0.013 min
Lab File: VR026729.D
Acq: 7 Aug 2025 16:08

Tgt Ion: 75 Resp: 16330
Ion Ratio Lower Upper
75 100
77 30.1 23.4 35.2





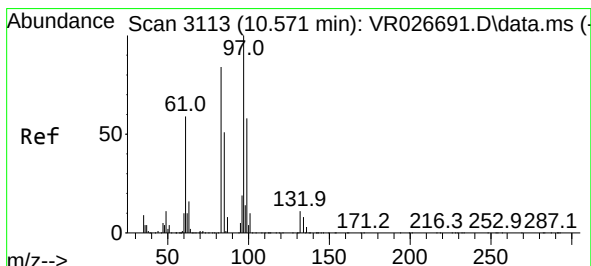
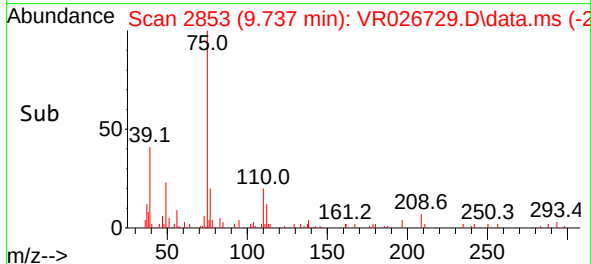
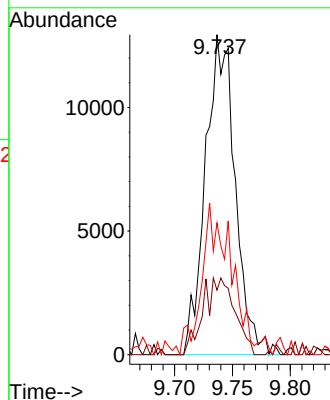
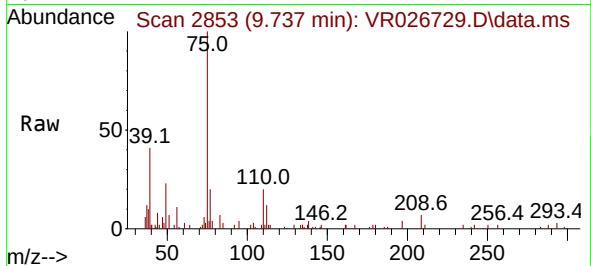
#53
 cis-1,3-Dichloropropene
 Concen: 4.572 ug/l
 RT: 9.737 min Scan# 21
 Delta R.T. -0.013 min
 Lab File: VR026729.D
 Acq: 7 Aug 2025 16:08

Instrument : MSVOA_R
 ClientSampleId :
 LOQ-WATER-02-QT2-2025

Tgt Ion: 75	Resp: 2320
Ion Ratio	Lower Upper
75 100	
77 18.8	22.9 34.3
39 41.1	34.8 52.2

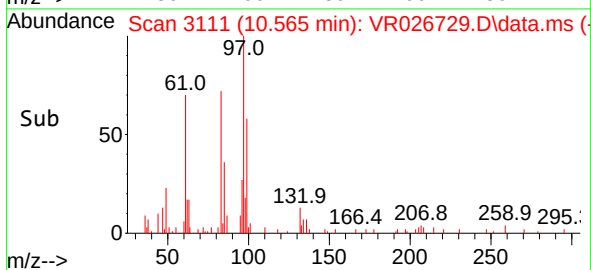
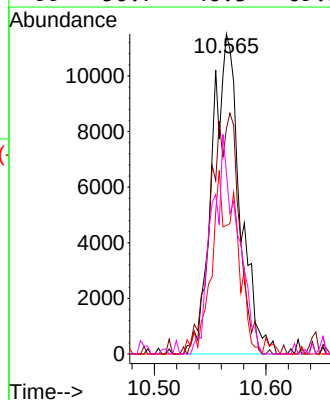
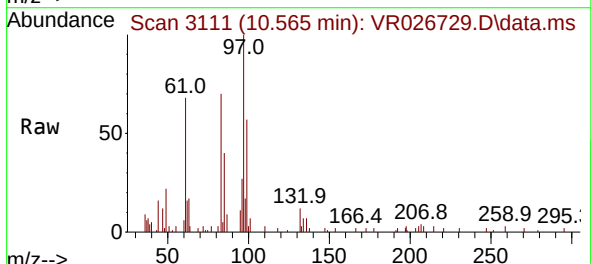
Manual Integrations
 APPROVED

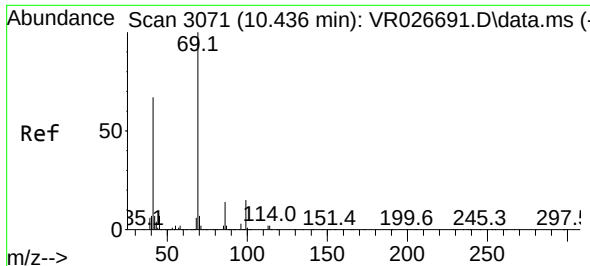
Reviewed By :Mahesh Dadoda 08/08/2025
 Supervised By :Semsettin Yesilyurt 08/08/2025



#54
 1,1,2-Trichloroethane
 Concen: 6.349 ug/l
 RT: 10.565 min Scan# 3111
 Delta R.T. -0.007 min
 Lab File: VR026729.D
 Acq: 7 Aug 2025 16:08

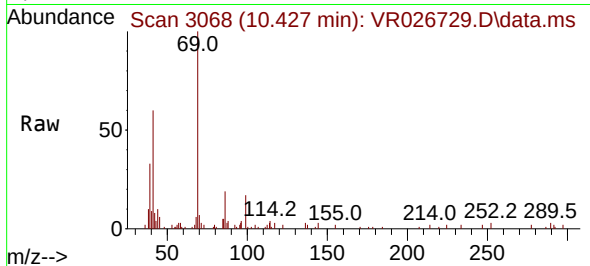
Tgt Ion: 97	Resp: 20039
Ion Ratio	Lower Upper
97 100	
83 70.4	67.4 101.2
85 40.2	40.4 60.6
99 56.7	46.3 69.5





#55
Ethyl methacrylate
Concen: 4.459 ug/l
RT: 10.427 min Scan# 3071
Delta R.T. -0.010 min
Lab File: VR026729.D
Acq: 7 Aug 2025 16:08

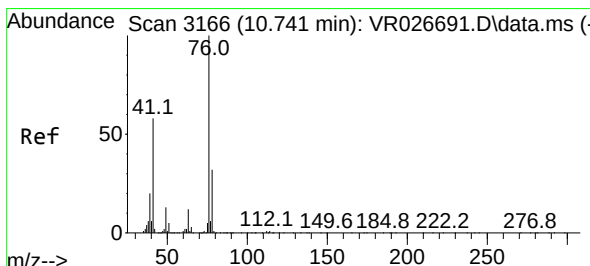
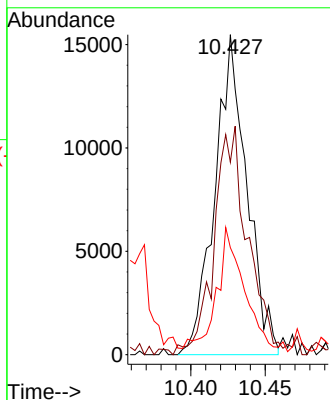
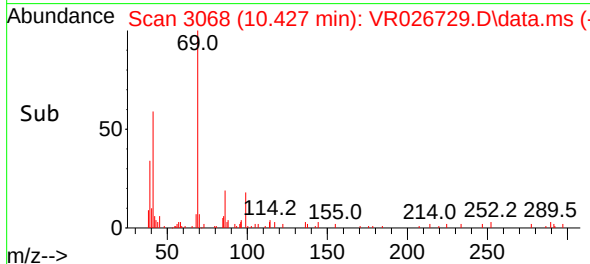
Instrument : MSVOA_R
ClientSampleId : LOQ-WATER-02-QT2-2025



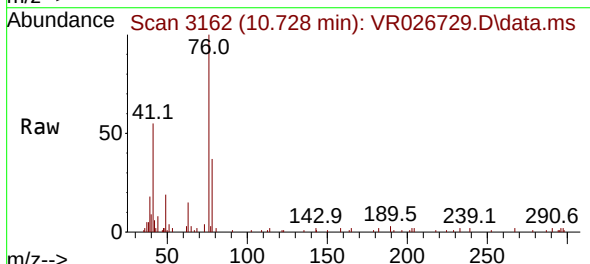
Tgt Ion: 69 Resp: 2324
Ion Ratio Lower Upper
69 100
41 74.7 51.5 77.3
39 33.5 24.7 37.1

Manual Integrations
APPROVED

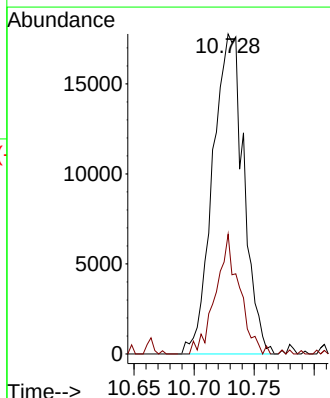
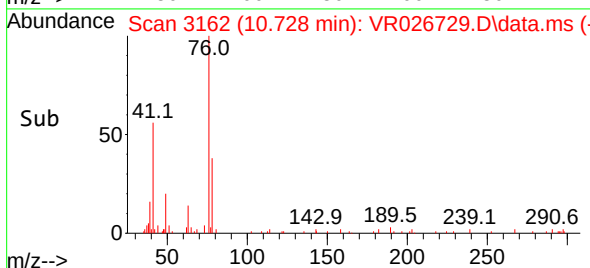
Reviewed By :Mahesh Dadoda 08/08/2025
Supervised By :Semsettin Yesilyurt 08/08/2025

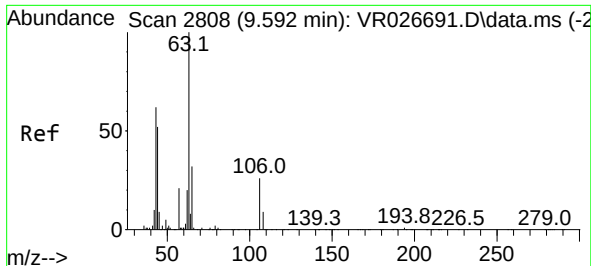


#56
1,3-Dichloropropane
Concen: 5.942 ug/l
RT: 10.728 min Scan# 3162
Delta R.T. -0.013 min
Lab File: VR026729.D
Acq: 7 Aug 2025 16:08



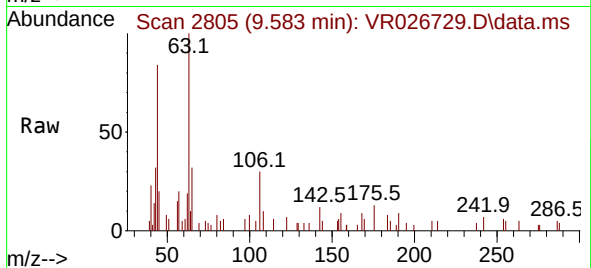
Tgt Ion: 76 Resp: 31944
Ion Ratio Lower Upper
76 100
78 28.5 25.8 38.6





#57
2-Chloroethyl Vinyl ether
Concen: 25.157 ug/l
RT: 9.583 min Scan# 2805
Delta R.T. -0.010 min
Lab File: VR026729.D
Acq: 7 Aug 2025 16:08

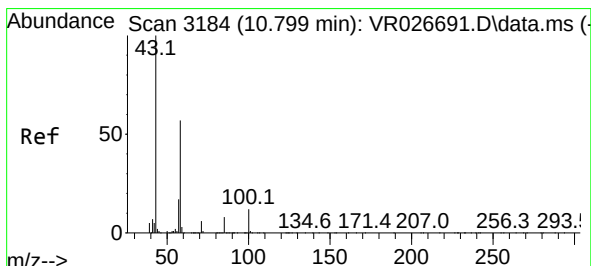
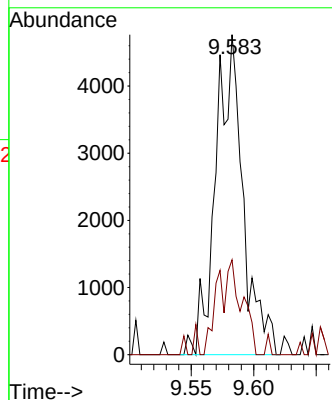
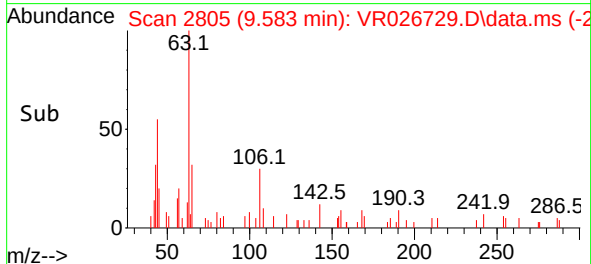
Instrument : MSVOA_R
ClientSampleId : LOQ-WATER-02-QT2-2025



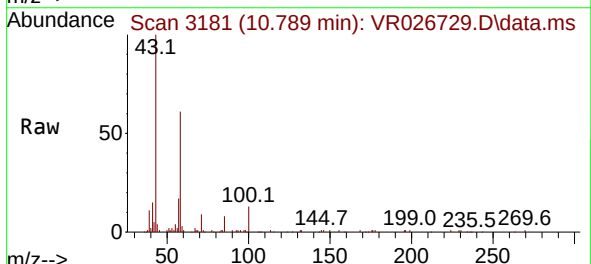
Tgt Ion: 63 Resp: 7240
Ion Ratio Lower Upper
63 100
106 16.6 22.5 33.7

Manual Integrations
APPROVED

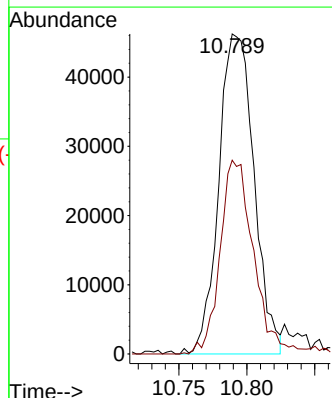
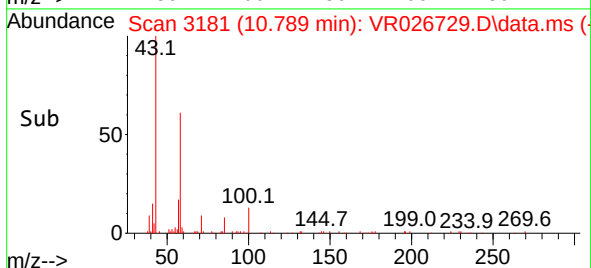
Reviewed By :Mahesh Dadoda 08/08/2025
Supervised By :Semsettin Yesilyurt 08/08/2025

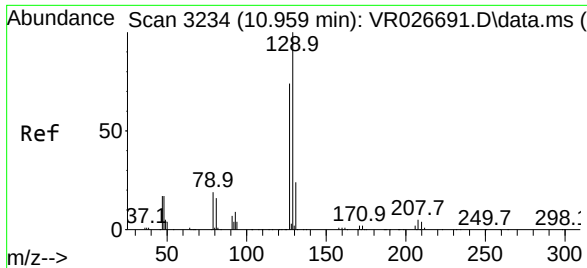


#58
2-Hexanone
Concen: 26.158 ug/l
RT: 10.789 min Scan# 3181
Delta R.T. -0.010 min
Lab File: VR026729.D
Acq: 7 Aug 2025 16:08



Tgt Ion: 43 Resp: 83313
Ion Ratio Lower Upper
43 100
58 57.4 28.8 86.4





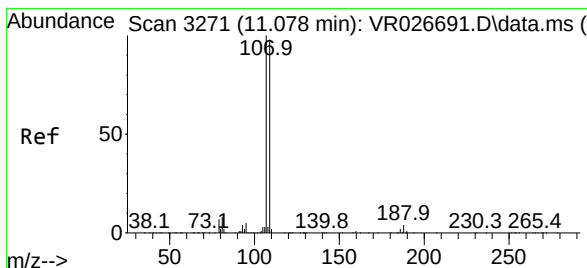
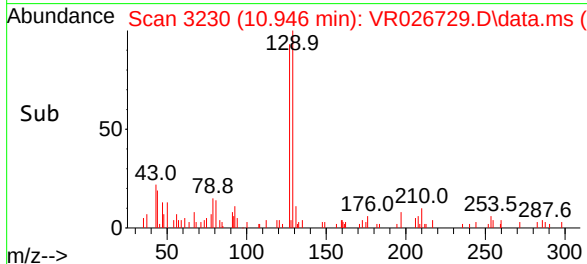
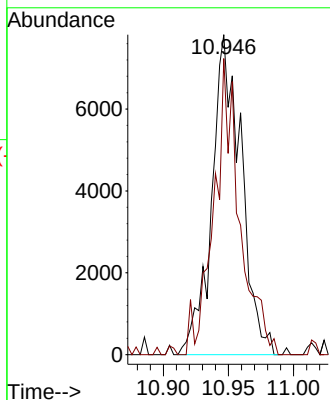
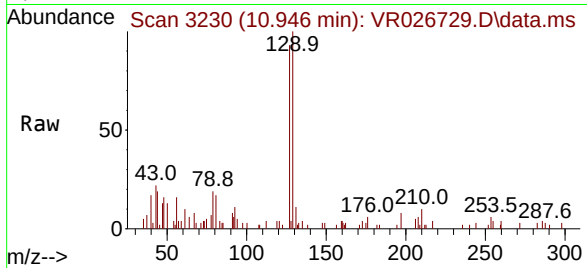
#59
Dibromochloromethane
Concen: 4.594 ug/l
RT: 10.946 min Scan# 31
Delta R.T. -0.013 min
Lab File: VR026729.D
Acq: 7 Aug 2025 16:08

Instrument :
MSVOA_R
ClientSampleId :
LOQ-WATER-02-QT2-2025

Tgt Ion:129 Resp: 12272
Ion Ratio Lower Upper
129 100
127 81.3 38.9 116.6

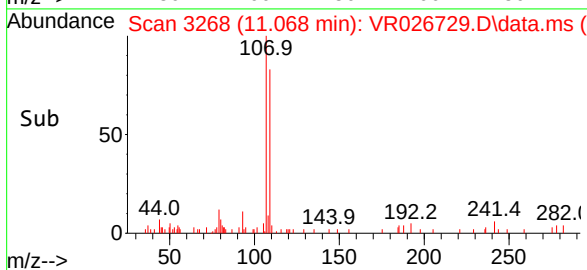
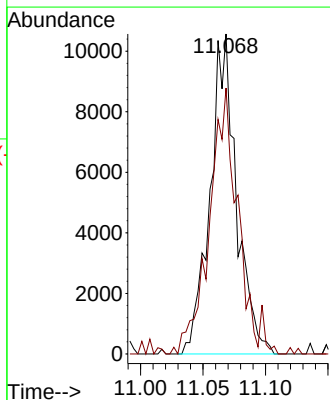
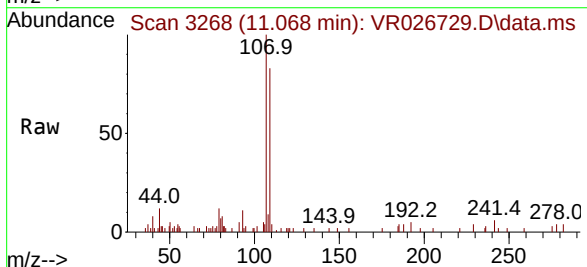
Manual Integrations
APPROVED

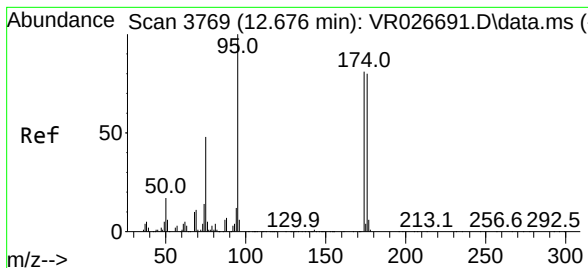
Reviewed By :Mahesh Dadoda 08/08/2025
Supervised By :Semsettin Yesilyurt 08/08/2025



#60
1,2-Dibromoethane
Concen: 5.723 ug/l
RT: 11.068 min Scan# 3268
Delta R.T. -0.010 min
Lab File: VR026729.D
Acq: 7 Aug 2025 16:08

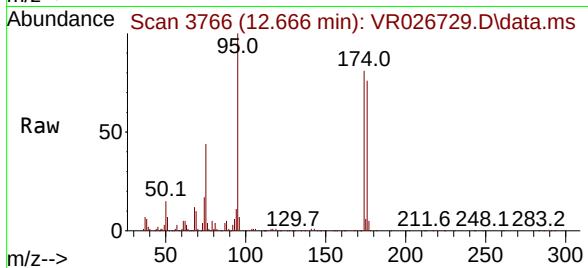
Tgt Ion:107 Resp: 15545
Ion Ratio Lower Upper
107 100
109 86.9 75.9 113.9





#61
4-Bromofluorobenzene
Concen: 51.837 ug/l
RT: 12.666 min Scan# 31
Delta R.T. -0.010 min
Lab File: VR026729.D
Acq: 7 Aug 2025 16:08

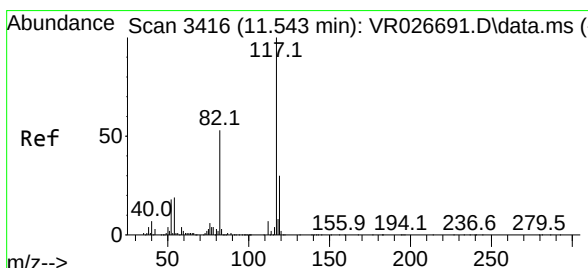
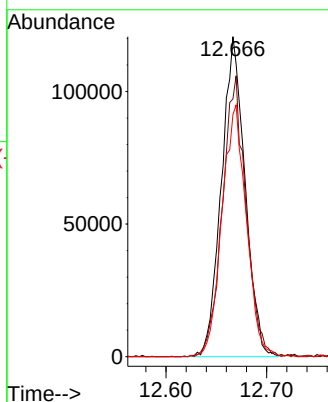
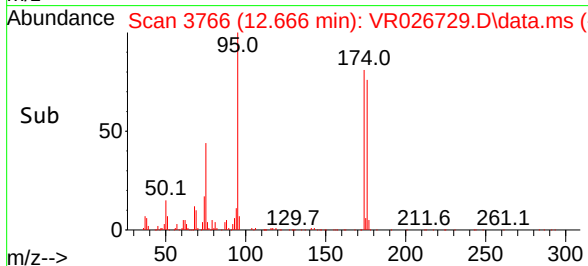
Instrument :
MSVOA_R
ClientSampleId :
LOQ-WATER-02-QT2-2025



Tgt Ion: 95 Resp: 196834
Ion Ratio Lower Upper
95 100
174 87.5 0.0 158.4
176 81.0 0.0 149.0

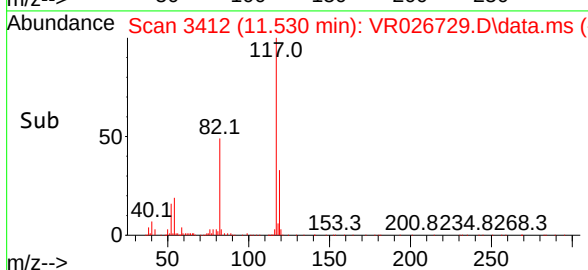
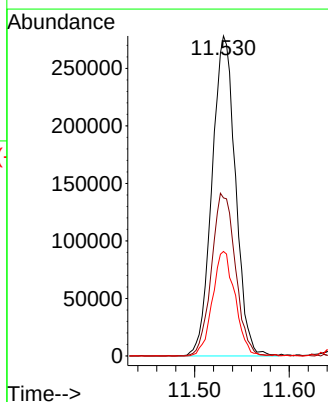
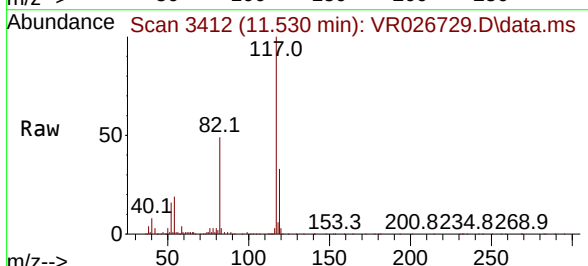
Manual Integrations
APPROVED

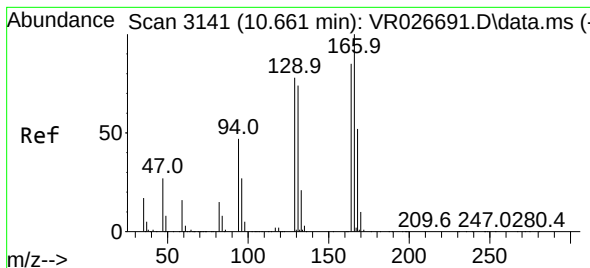
Reviewed By :Mahesh Dadoda 08/08/2025
Supervised By :Semsettin Yesilyurt 08/08/2025



#62
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.530 min Scan# 3412
Delta R.T. -0.013 min
Lab File: VR026729.D
Acq: 7 Aug 2025 16:08

Tgt Ion:117 Resp: 478310
Ion Ratio Lower Upper
117 100
82 49.3 42.0 63.0
119 32.7 23.9 35.9





#63

Tetrachloroethene

Concen: 5.452 ug/l

RT: 10.651 min Scan# 3141

Delta R.T. -0.010 min

Lab File: VR026729.D

Acq: 7 Aug 2025 16:08

Instrument :

MSVOA_R

ClientSampleId :

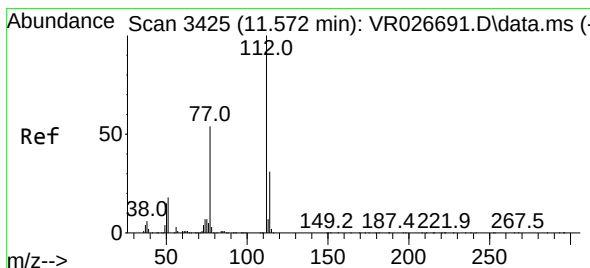
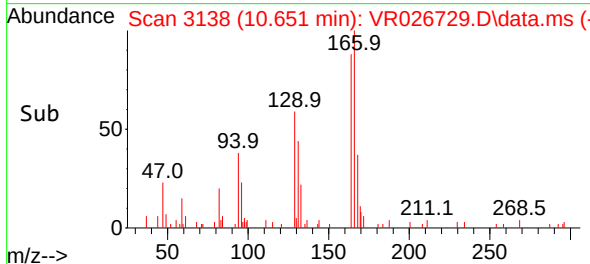
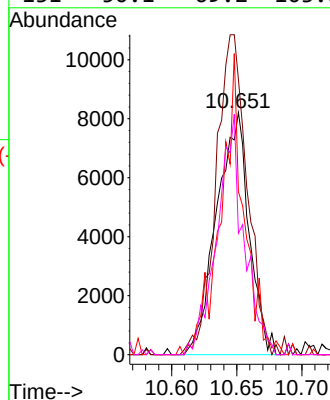
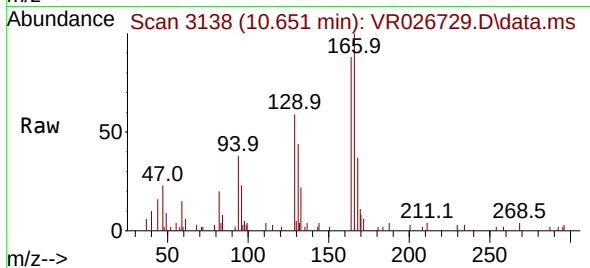
LOQ-WATER-02-QT2-2025

Tgt Ion:164	Resp:	14240
Ion Ratio	Lower	Upper
164	100	
166	113.5	93.7 140.5
129	64.2	73.4 110.2
131	50.1	69.2 103.8

Manual Integrations

APPROVED

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



#64

Chlorobenzene

Concen: 5.357 ug/l

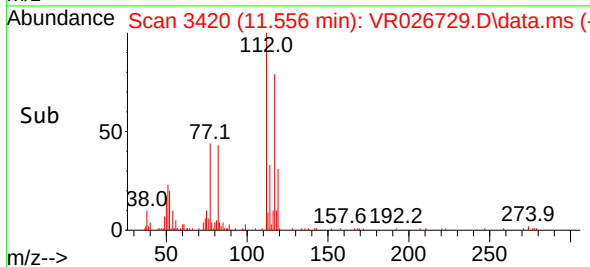
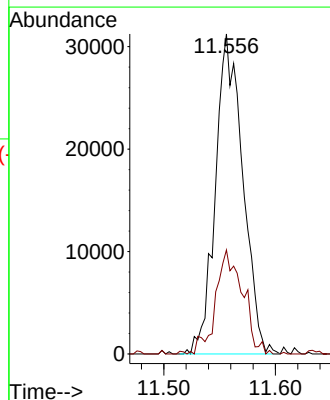
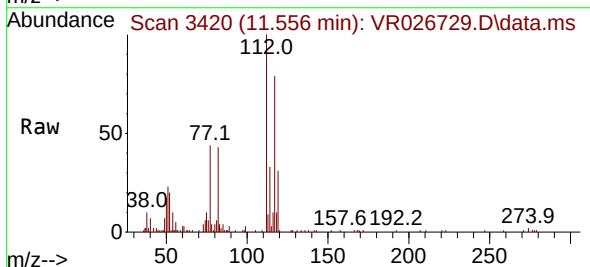
RT: 11.556 min Scan# 3420

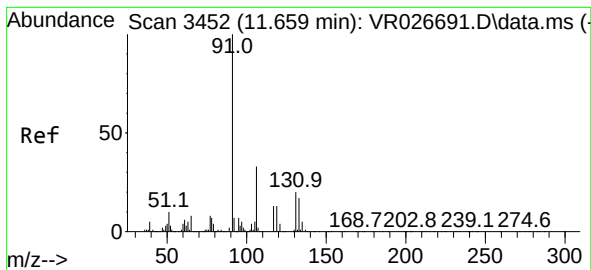
Delta R.T. -0.016 min

Lab File: VR026729.D

Acq: 7 Aug 2025 16:08

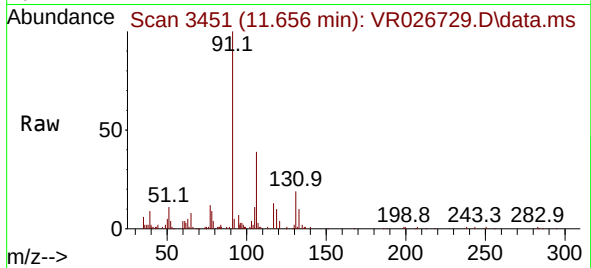
Tgt Ion:112	Resp:	53328
Ion Ratio	Lower	Upper
112	100	
114	32.5	25.0 37.6





#65
1,1,1,2-Tetrachloroethane
Concen: 4.479 ug/l
RT: 11.656 min Scan# 3451
Delta R.T. -0.003 min
Lab File: VR026729.D
Acq: 7 Aug 2025 16:08

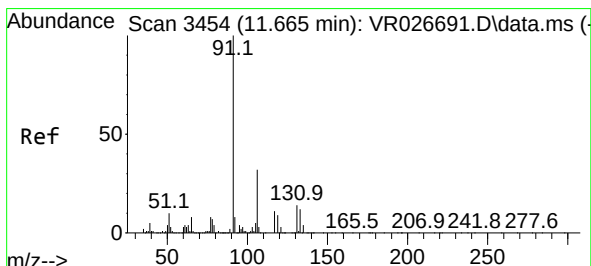
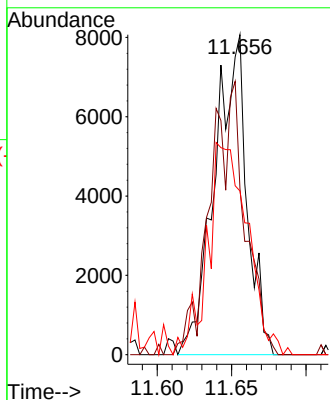
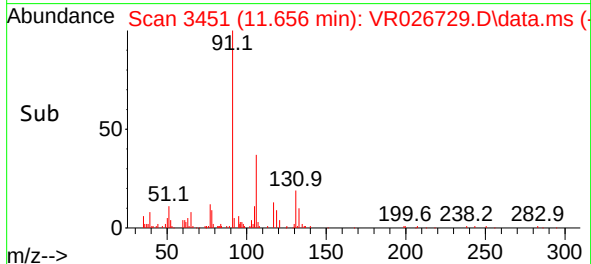
Instrument : MSVOA_R
ClientSampleId : LOQ-WATER-02-QT2-2025



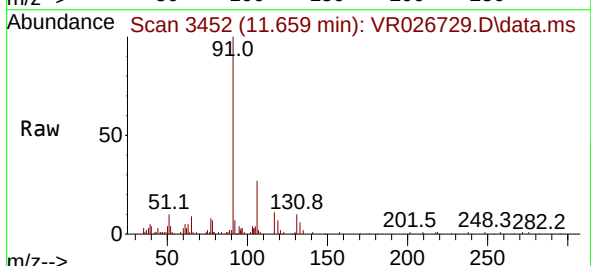
Tgt Ion:131 Resp: 12179
Ion Ratio Lower Upper
131 100
133 45.5 46.2 138.5
119 0.0 35.7 107.1

Manual Integrations
APPROVED

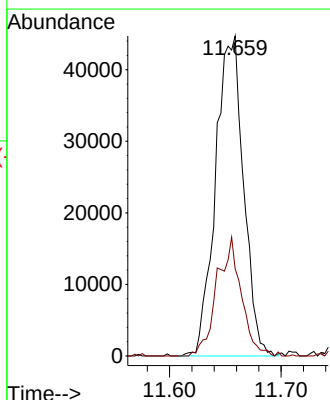
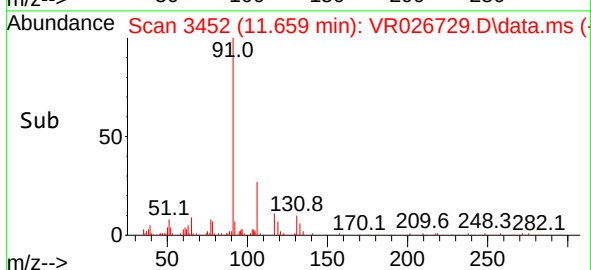
Reviewed By :Mahesh Dadoda 08/08/2025
Supervised By :Semsettin Yesilyurt 08/08/2025

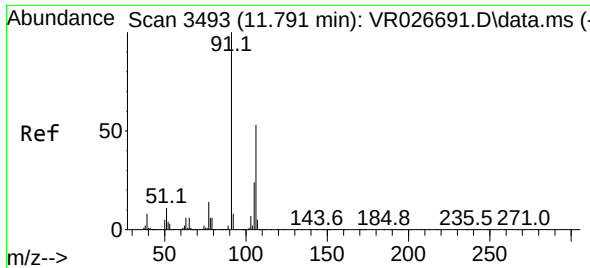


#66
Ethyl Benzene
Concen: 4.696 ug/l
RT: 11.659 min Scan# 3452
Delta R.T. -0.007 min
Lab File: VR026729.D
Acq: 7 Aug 2025 16:08



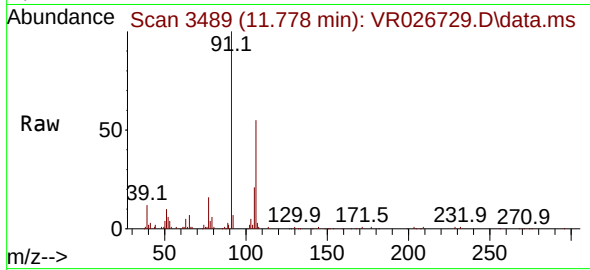
Tgt Ion: 91 Resp: 78046
Ion Ratio Lower Upper
91 100
106 27.2 25.4 38.0





#67
m/p-Xylenes
Concen: 9.457 ug/l
RT: 11.778 min Scan# 3493
Delta R.T. -0.013 min
Lab File: VR026729.D
Acq: 7 Aug 2025 16:08

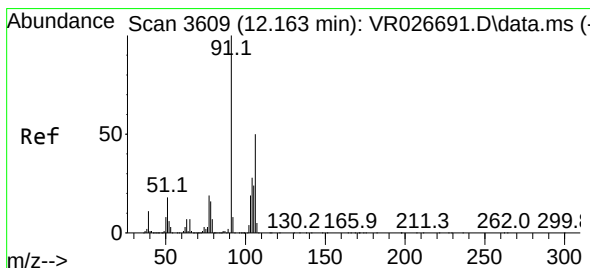
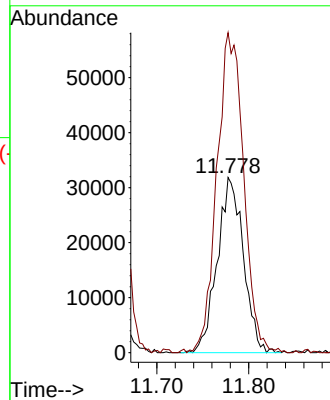
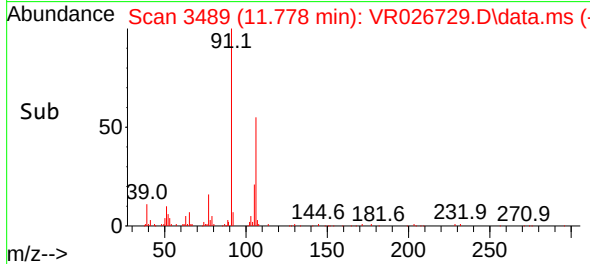
Instrument : MSVOA_R
ClientSampleId : LOQ-WATER-02-QT2-2025



Tgt Ion:106 Resp: 62800
Ion Ratio Lower Upper
106 100
91 187.3 146.8 220.2

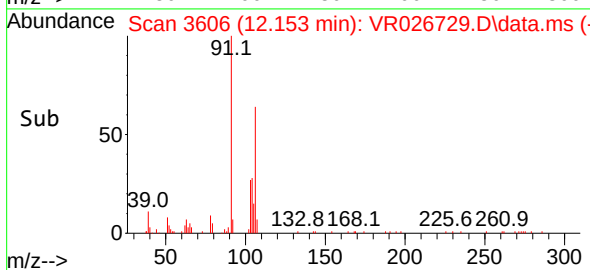
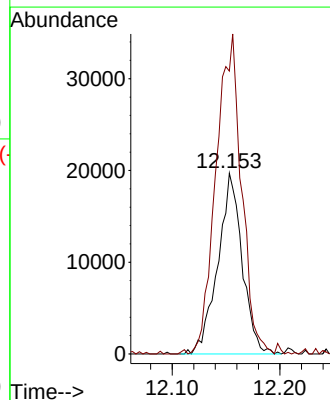
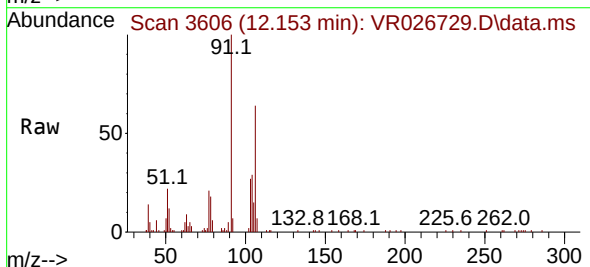
Manual Integrations
APPROVED

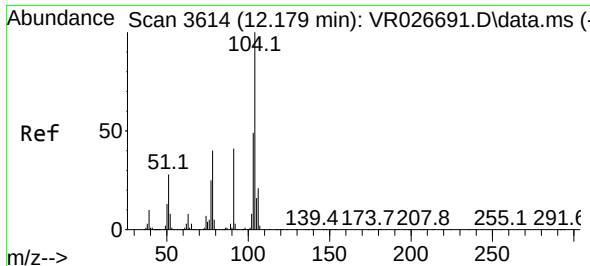
Reviewed By :Mahesh Dadoda 08/08/2025
Supervised By :Semsettin Yesilyurt 08/08/2025



#68
o-Xylene
Concen: 4.793 ug/l
RT: 12.153 min Scan# 3606
Delta R.T. -0.010 min
Lab File: VR026729.D
Acq: 7 Aug 2025 16:08

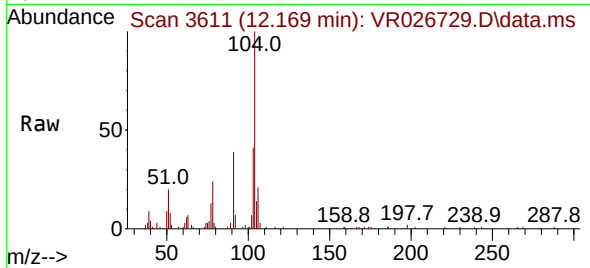
Tgt Ion:106 Resp: 30893
Ion Ratio Lower Upper
106 100
91 185.5 97.9 293.6





#69
Styrene
Concen: 4.567 ug/l
RT: 12.169 min Scan# 3611
Delta R.T. -0.010 min
Lab File: VR026729.D
Acq: 7 Aug 2025 16:08

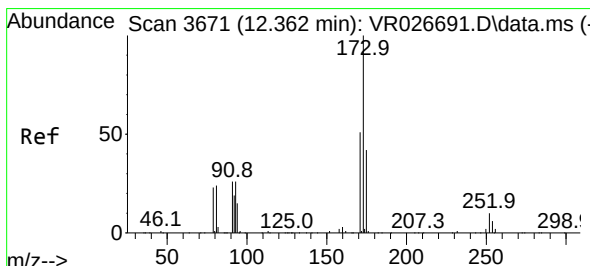
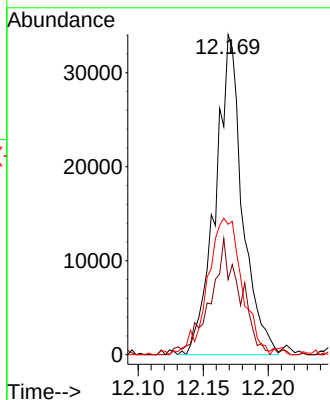
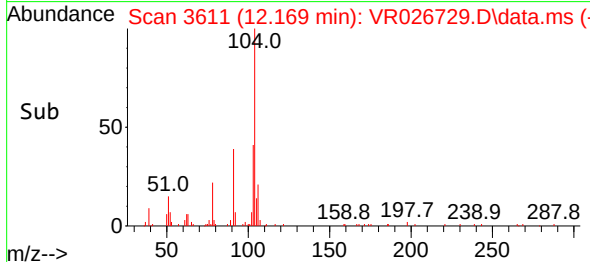
Instrument : MSVOA_R
ClientSampleId : LOQ-WATER-02-QT2-2025



Tgt Ion:104 Resp: 49199
Ion Ratio Lower Upper
104 100
78 39.8 34.5 51.7
103 53.7 43.2 64.8

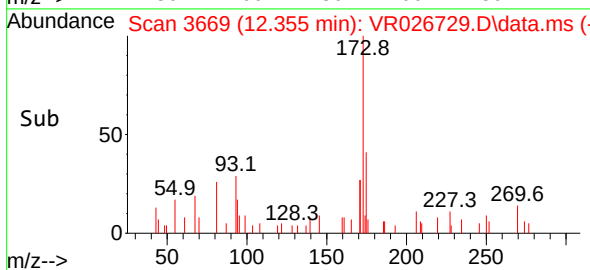
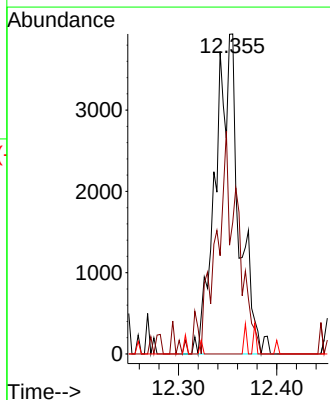
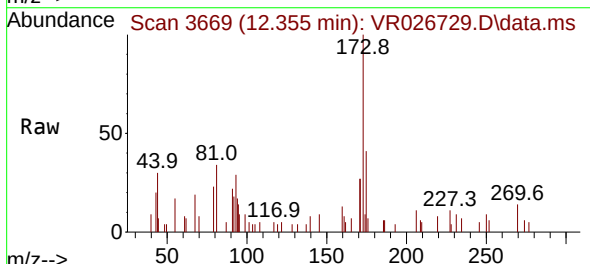
Manual Integrations
APPROVED

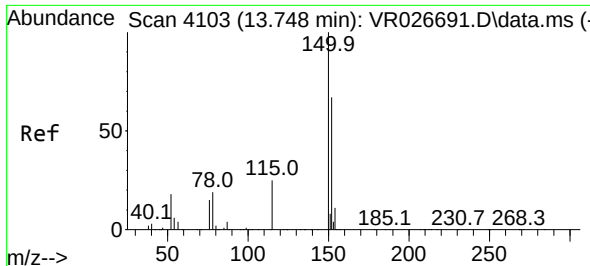
Reviewed By :Mahesh Dadoda 08/08/2025
Supervised By :Semsettin Yesilyurt 08/08/2025



#70
Bromoform
Concen: 4.276 ug/l m
RT: 12.355 min Scan# 3669
Delta R.T. -0.007 min
Lab File: VR026729.D
Acq: 7 Aug 2025 16:08

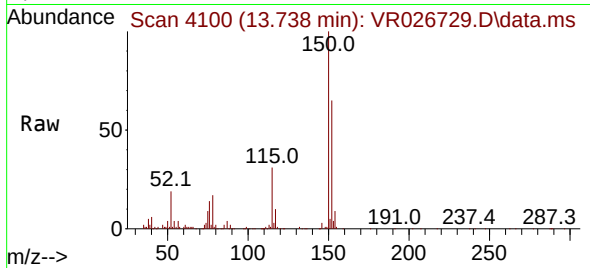
Tgt Ion:173 Resp: 6580
Ion Ratio Lower Upper
173 100
175 44.2 23.6 71.0
254 1.1 0.1 0.1#





#71
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.738 min Scan# 4103
Delta R.T. -0.010 min
Lab File: VR026729.D
Acq: 7 Aug 2025 16:08

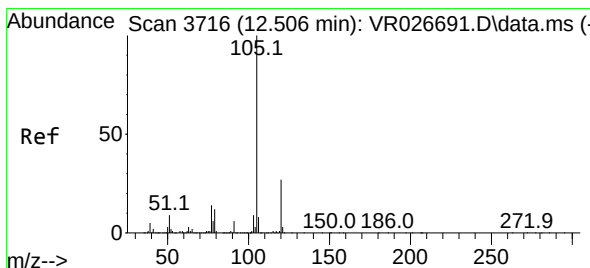
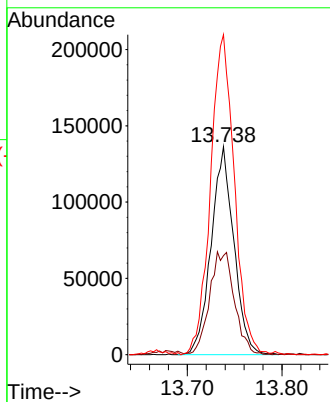
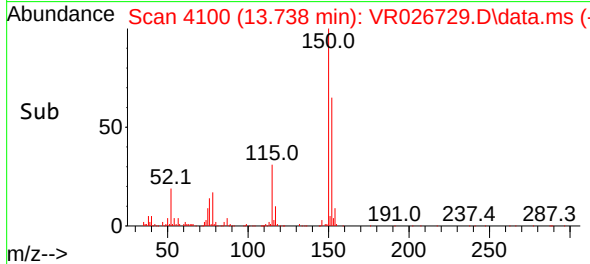
Instrument : MSVOA_R
ClientSampleId : LOQ-WATER-02-QT2-2025



Tgt Ion:152 Resp: 22717
Ion Ratio Lower Upper
152 100
115 54.2 27.8 83.4
150 161.0 0.0 350.4

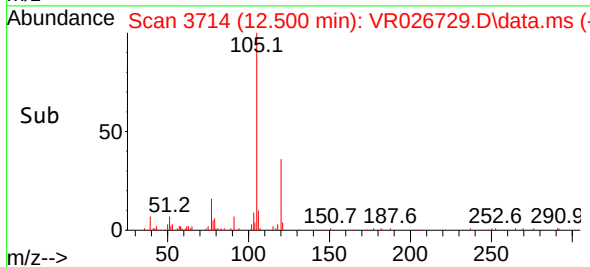
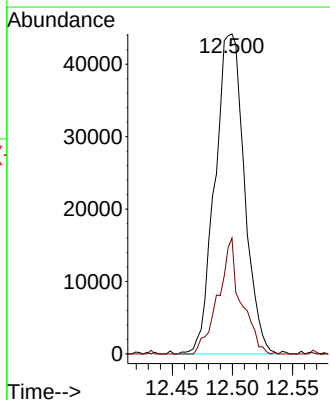
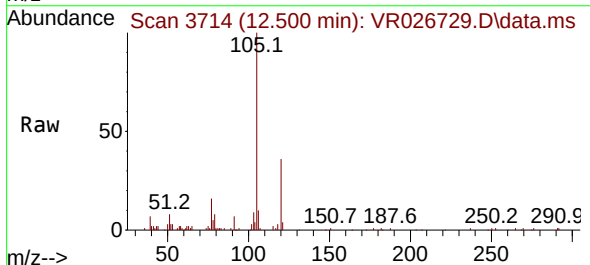
Manual Integrations
APPROVED

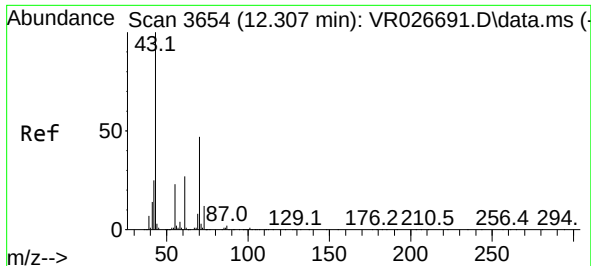
Reviewed By :Mahesh Dadoda 08/08/2025
Supervised By :Semsettin Yesilyurt 08/08/2025



#72
Isopropylbenzene
Concen: 4.649 ug/l
RT: 12.500 min Scan# 3714
Delta R.T. -0.007 min
Lab File: VR026729.D
Acq: 7 Aug 2025 16:08

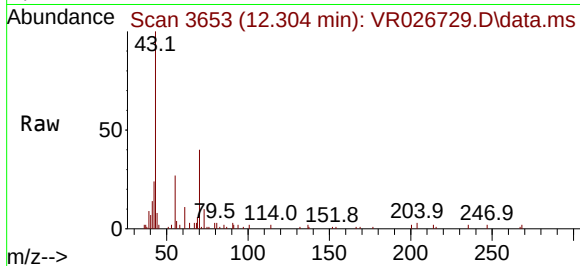
Tgt Ion:105 Resp: 75270
Ion Ratio Lower Upper
105 100
120 28.0 14.2 42.8





#73
N-amy1 acetate
Concen: 4.028 ug/l
RT: 12.304 min Scan# 30
Delta R.T. -0.003 min
Lab File: VR026729.D
Acq: 7 Aug 2025 16:08

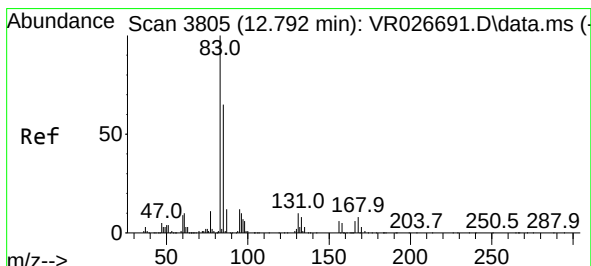
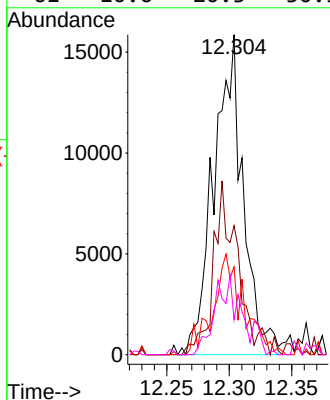
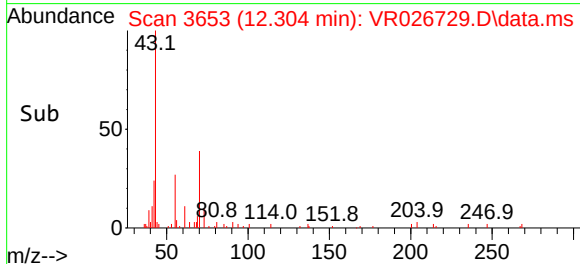
Instrument : MSVOA_R
ClientSampleId :
LOQ-WATER-02-QT2-2025



Tgt Ion: 43 Resp: 2585
Ion Ratio Lower Upper
43 100
70 42.2 36.4 54.6
55 32.7 18.7 28.1
61 10.6 20.3 30.5#

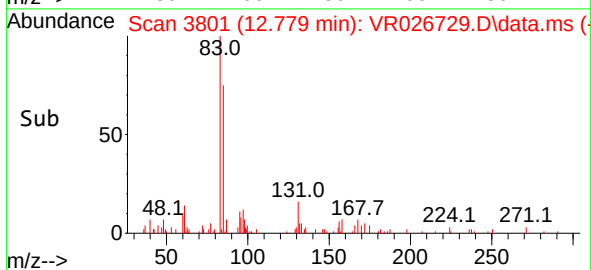
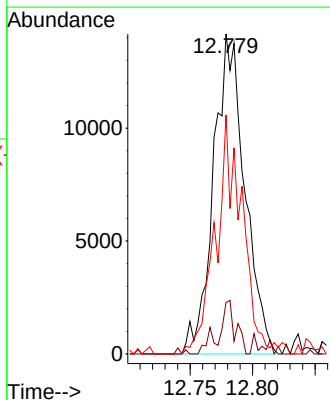
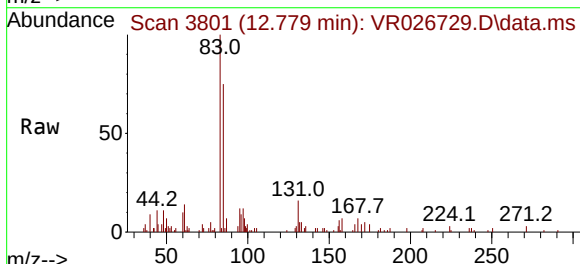
Manual Integrations
APPROVED

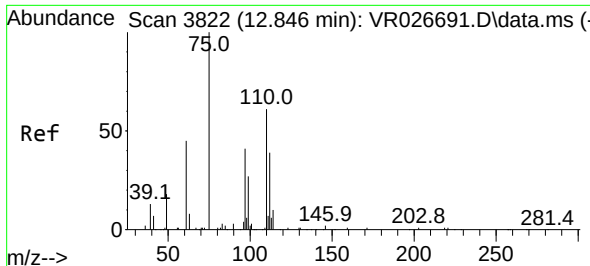
Reviewed By :Mahesh Dadoda 08/08/2025
Supervised By :Semsettin Yesilyurt 08/08/2025



#74
1,1,2,2-Tetrachloroethane
Concen: 5.191 ug/l
RT: 12.779 min Scan# 3801
Delta R.T. -0.013 min
Lab File: VR026729.D
Acq: 7 Aug 2025 16:08

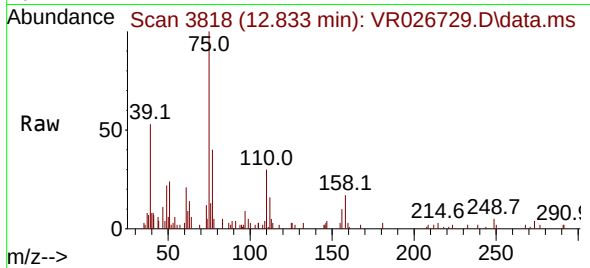
Tgt Ion: 83 Resp: 24659
Ion Ratio Lower Upper
83 100
131 6.7 4.2 12.4
85 62.1 32.3 96.8





#75
1,2,3-Trichloropropane
Concen: 4.623 ug/l m
RT: 12.833 min Scan# 3818
Delta R.T. -0.013 min
Lab File: VR026729.D
Acq: 7 Aug 2025 16:08

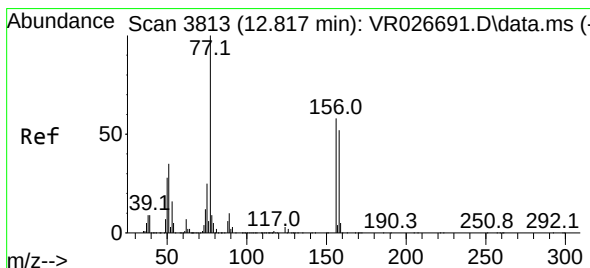
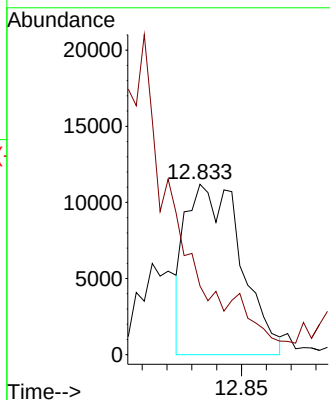
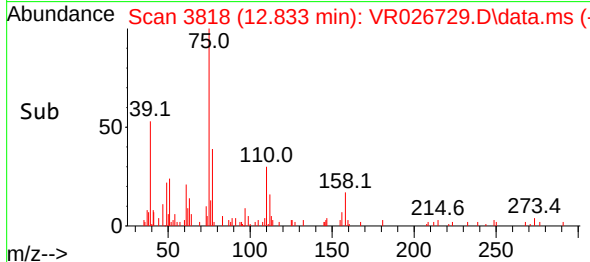
Instrument : MSVOA_R
ClientSampleId : LOQ-WATER-02-QT2-2025



Tgt Ion: 75 Resp: 17409
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

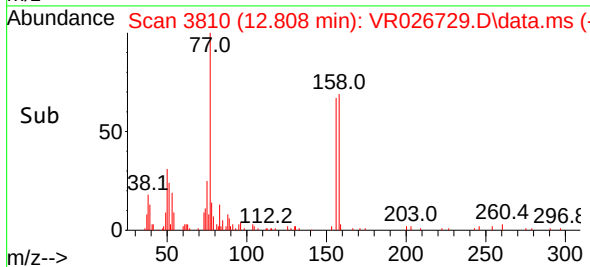
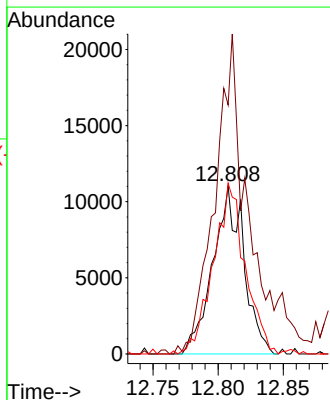
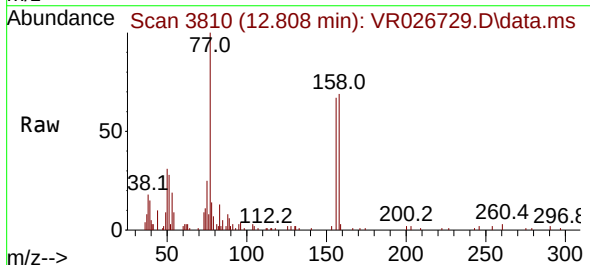
Manual Integrations
APPROVED

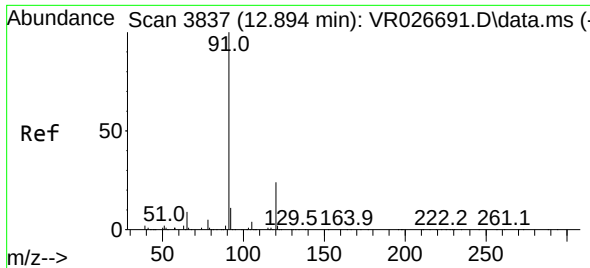
Reviewed By :Mahesh Dadoda 08/08/2025
Supervised By :Semsettin Yesilyurt 08/08/2025



#76
Bromobenzene
Concen: 4.857 ug/l
RT: 12.808 min Scan# 3810
Delta R.T. -0.010 min
Lab File: VR026729.D
Acq: 7 Aug 2025 16:08

Tgt Ion:156 Resp: 18200
Ion Ratio Lower Upper
156 100
77 192.9 105.5 316.4
158 104.9 46.4 139.1





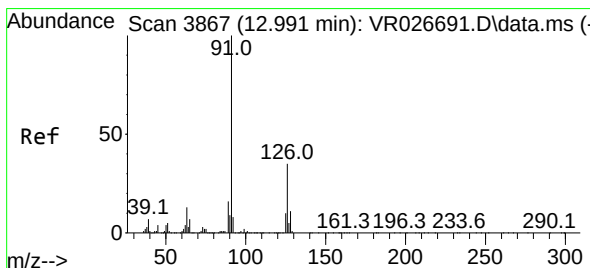
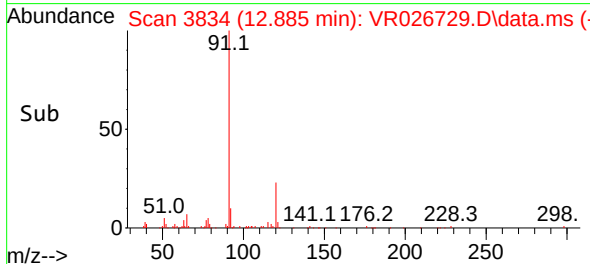
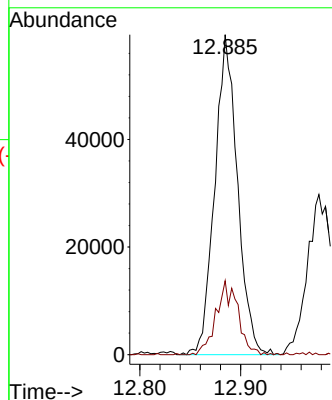
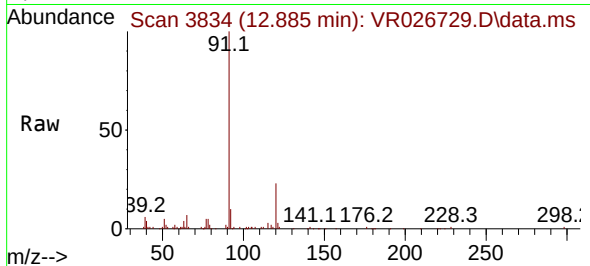
#77
n-propylbenzene
Concen: 4.820 ug/l
RT: 12.885 min Scan# 3834
Delta R.T. -0.010 min
Lab File: VR026729.D
Acq: 7 Aug 2025 16:08

Instrument : MSVOA_R
ClientSampleId : LOQ-WATER-02-QT2-2025

Tgt Ion: 91 Resp: 93120
Ion Ratio Lower Upper
91 100
120 22.1 11.9 35.9

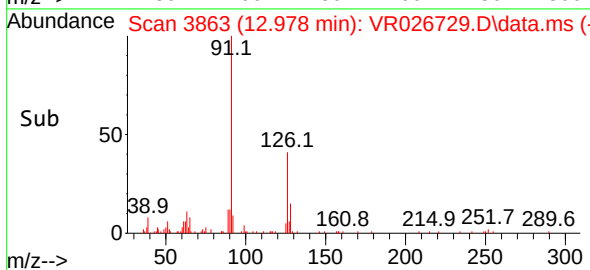
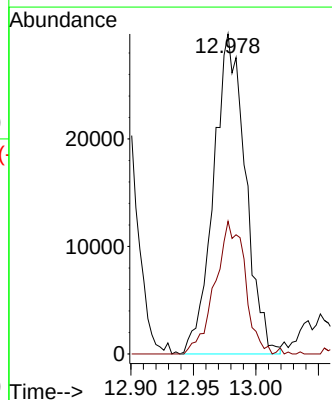
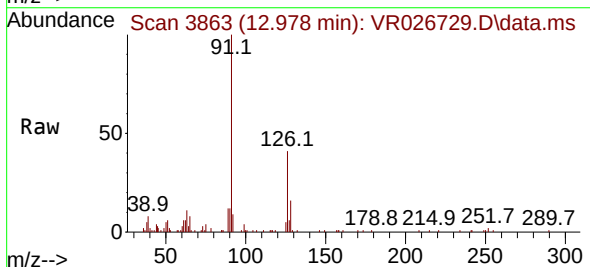
Manual Integrations
APPROVED

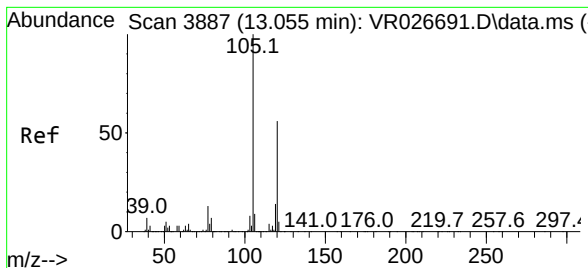
Reviewed By :Mahesh Dadoda 08/08/2025
Supervised By :Semsettin Yesilyurt 08/08/2025



#78
2-Chlorotoluene
Concen: 4.827 ug/l
RT: 12.978 min Scan# 3863
Delta R.T. -0.013 min
Lab File: VR026729.D
Acq: 7 Aug 2025 16:08

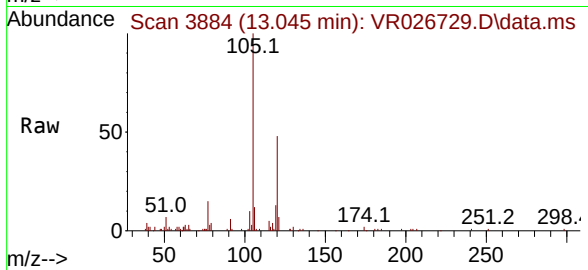
Tgt Ion: 91 Resp: 52903
Ion Ratio Lower Upper
91 100
126 38.9 17.5 52.6





#79
1,3,5-Trimethylbenzene
Concen: 4.742 ug/l
RT: 13.045 min Scan# 3884
Delta R.T. -0.010 min
Lab File: VR026729.D
Acq: 7 Aug 2025 16:08

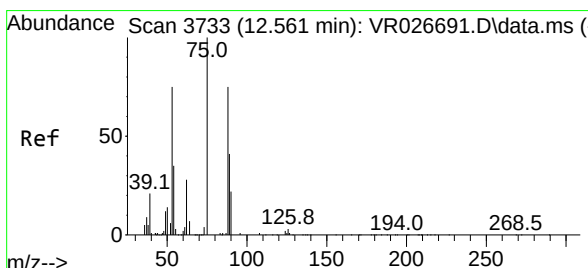
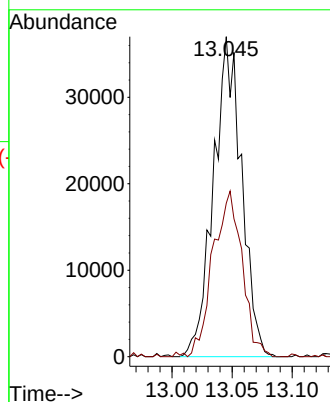
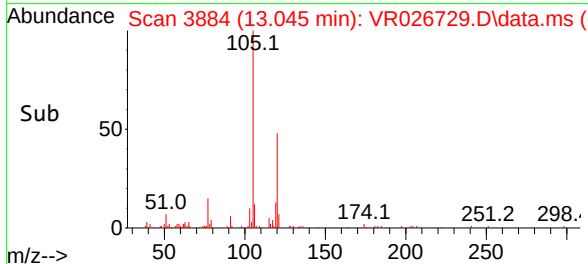
Instrument : MSVOA_R
ClientSampleId : LOQ-WATER-02-QT2-2025



Tgt Ion:105 Resp: 60039
Ion Ratio Lower Upper
105 100
120 53.6 26.6 79.7

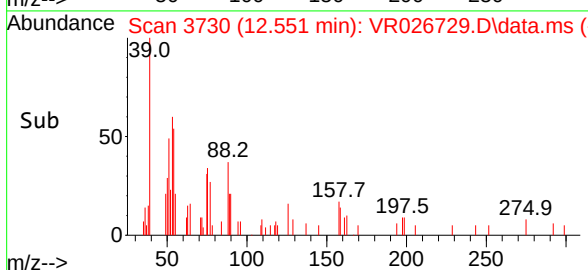
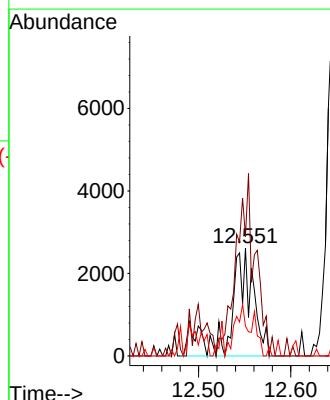
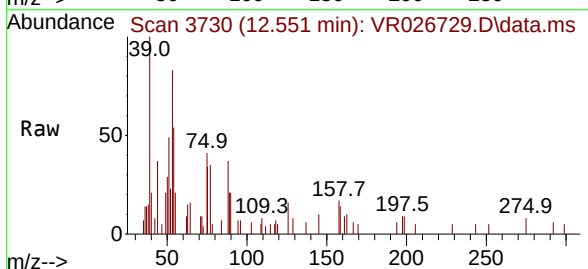
Manual Integrations
APPROVED

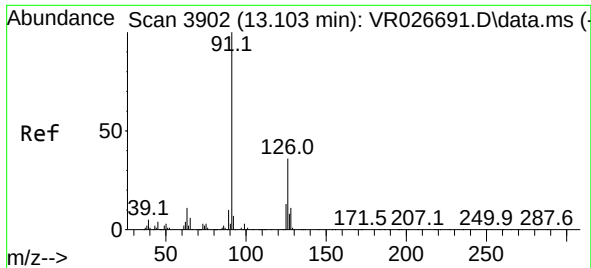
Reviewed By :Mahesh Dadoda 08/08/2025
Supervised By :Semsettin Yesilyurt 08/08/2025



#80
trans-1,4-Dichloro-2-butene
Concen: 3.534 ug/l m
RT: 12.551 min Scan# 3730
Delta R.T. -0.010 min
Lab File: VR026729.D
Acq: 7 Aug 2025 16:08

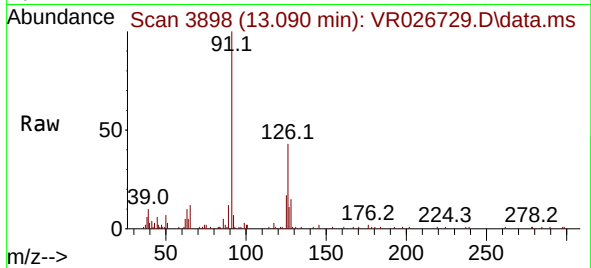
Tgt Ion: 75 Resp: 4569
Ion Ratio Lower Upper
75 100
53 0.0 67.8 101.6#
89 0.0 34.6 52.0#





#81
4-Chlorotoluene
Concen: 4.543 ug/l
RT: 13.090 min Scan# 3902
Delta R.T. -0.013 min
Lab File: VR026729.D
Acq: 7 Aug 2025 16:08

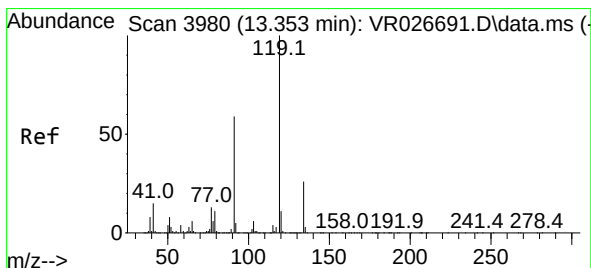
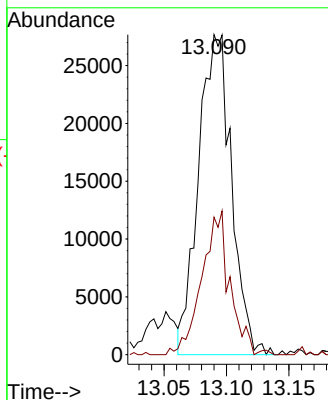
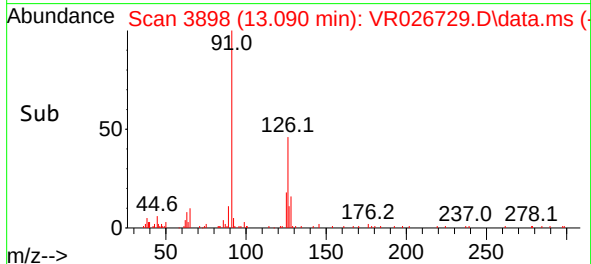
Instrument : MSVOA_R
ClientSampleId : LOQ-WATER-02-QT2-2025



Tgt Ion: 91 Resp: 5087
Ion Ratio Lower Upper
91 100
126 37.8 17.8 53.3

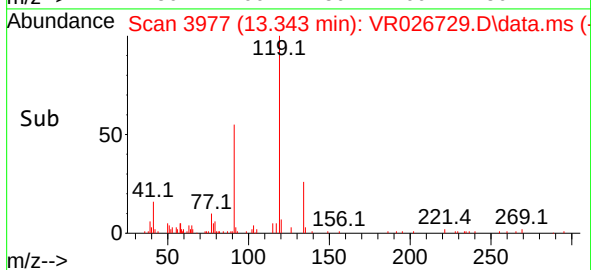
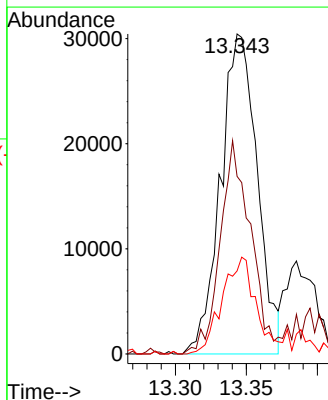
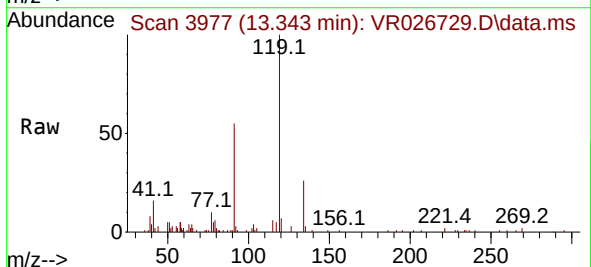
Manual Integrations
APPROVED

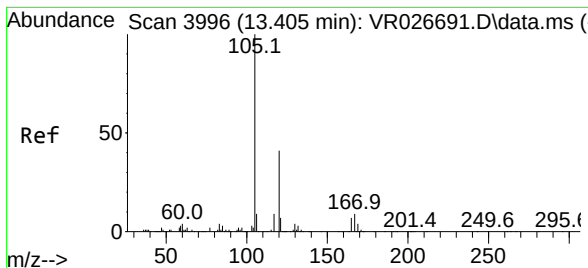
Reviewed By :Mahesh Dadoda 08/08/2025
Supervised By :Semsettin Yesilyurt 08/08/2025



#82
tert-Butylbenzene
Concen: 4.740 ug/l
RT: 13.343 min Scan# 3977
Delta R.T. -0.010 min
Lab File: VR026729.D
Acq: 7 Aug 2025 16:08

Tgt Ion:119 Resp: 54591
Ion Ratio Lower Upper
119 100
91 55.9 29.9 89.7
134 28.2 13.5 40.4





#83

1,2,4-Trimethylbenzene

Concen: 4.647 ug/l

RT: 13.392 min Scan# 3996

Delta R.T. -0.013 min

Lab File: VR026729.D

Acq: 7 Aug 2025 16:08

Instrument :

MSVOA_R

ClientSampleId :

LOQ-WATER-02-QT2-2025

Tgt Ion:105 Resp: 5824

Ion Ratio Lower Upper

105 100

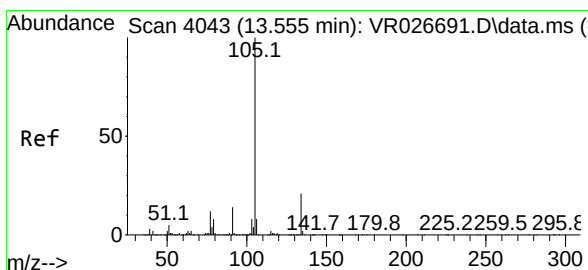
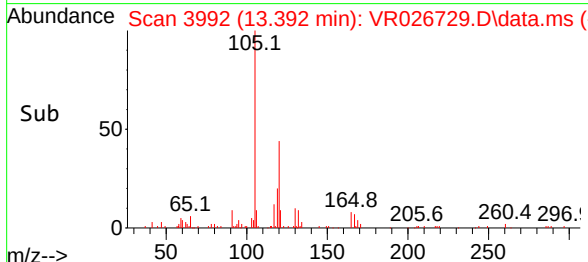
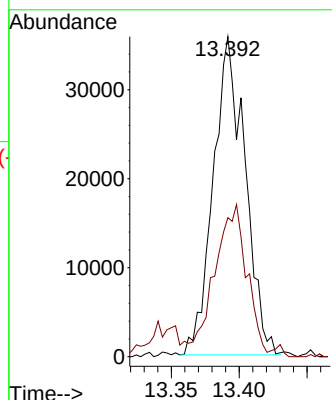
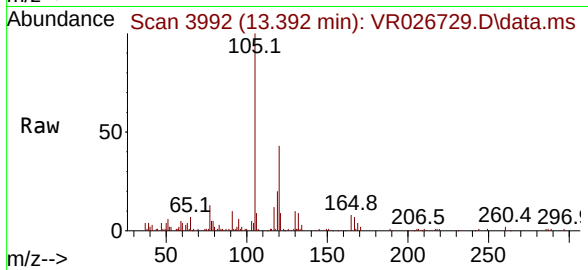
120 45.5 25.0 75.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/08/2025

Supervised By :Semsettin Yesilyurt 08/08/2025



#84

sec-Butylbenzene

Concen: 4.792 ug/l

RT: 13.546 min Scan# 4040

Delta R.T. -0.010 min

Lab File: VR026729.D

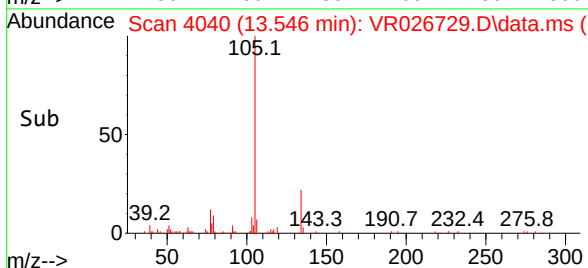
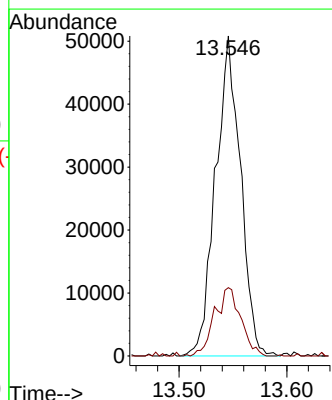
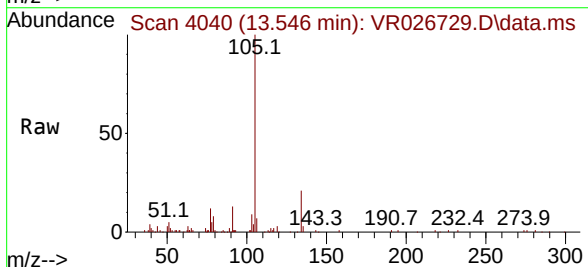
Acq: 7 Aug 2025 16:08

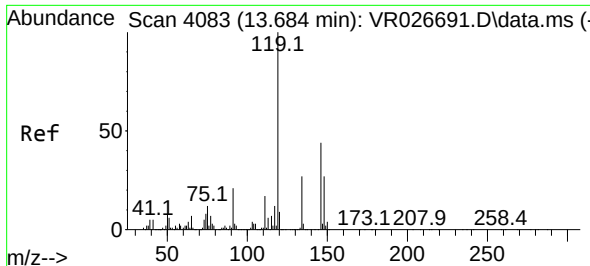
Tgt Ion:105 Resp: 81839

Ion Ratio Lower Upper

105 100

134 22.4 10.4 31.1





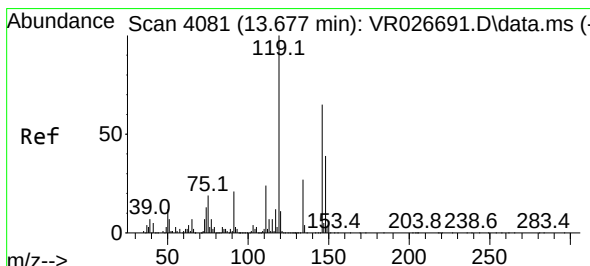
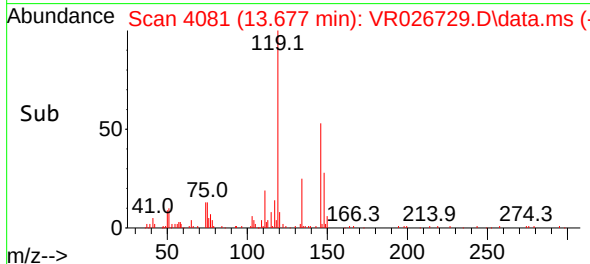
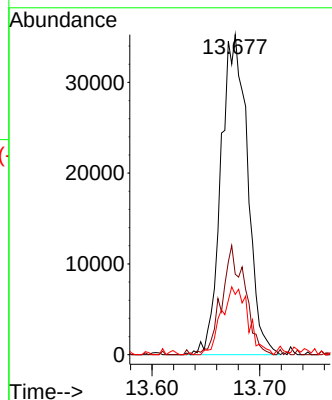
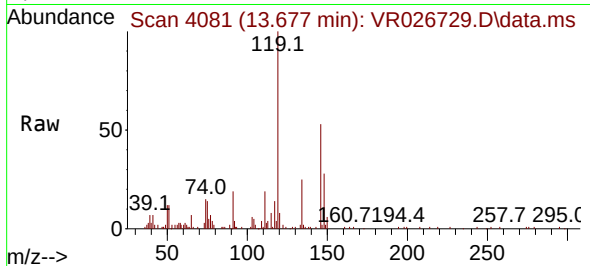
#85
p-Isopropyltoluene
Concen: 4.341 ug/l
RT: 13.677 min Scan# 4081
Delta R.T. -0.007 min
Lab File: VR026729.D
Acq: 7 Aug 2025 16:08

Instrument : MSVOA_R
ClientSampleId : LOQ-WATER-02-QT2-2025

Tgt Ion:119 Resp: 6045
Ion Ratio Lower Upper
119 100
134 30.0 13.9 41.7
91 21.2 10.4 31.2

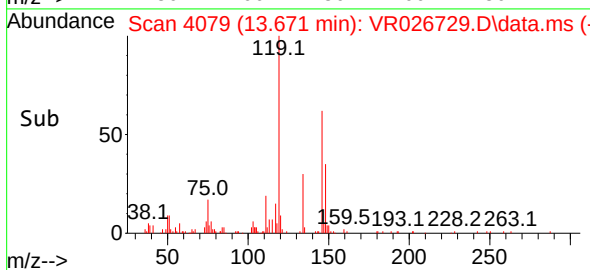
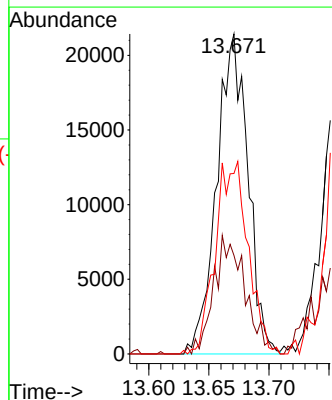
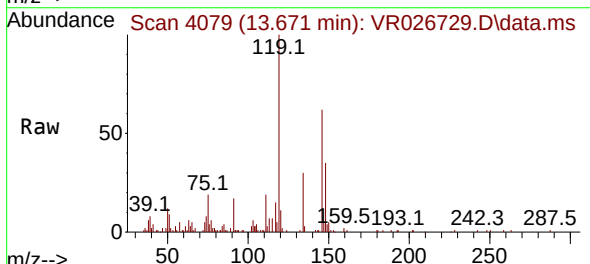
Manual Integrations
APPROVED

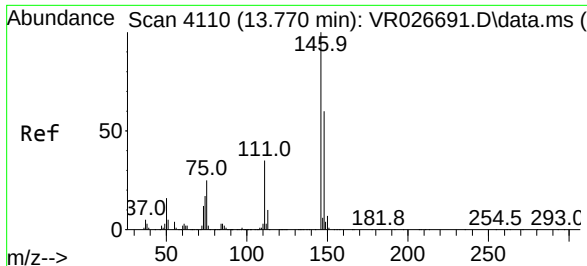
Reviewed By :Mahesh Dadoda 08/08/2025
Supervised By :Semsettin Yesilyurt 08/08/2025



#86
1,3-Dichlorobenzene
Concen: 5.256 ug/l
RT: 13.671 min Scan# 4079
Delta R.T. -0.007 min
Lab File: VR026729.D
Acq: 7 Aug 2025 16:08

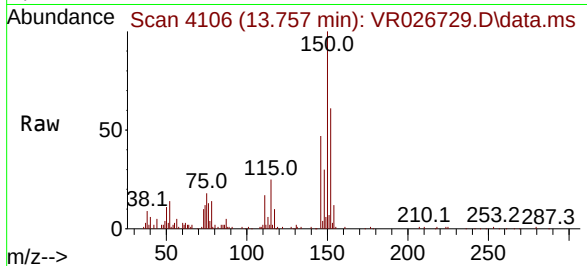
Tgt Ion:146 Resp: 38615
Ion Ratio Lower Upper
146 100
111 37.1 19.4 58.2
148 63.1 31.4 94.3





#87
1,4-Dichlorobenzene
Concen: 5.550 ug/l
RT: 13.757 min Scan# 4110
Delta R.T. -0.013 min
Lab File: VR026729.D
Acq: 7 Aug 2025 16:08

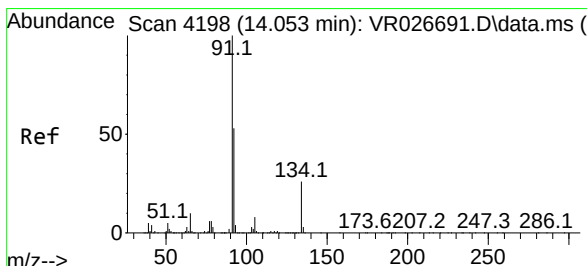
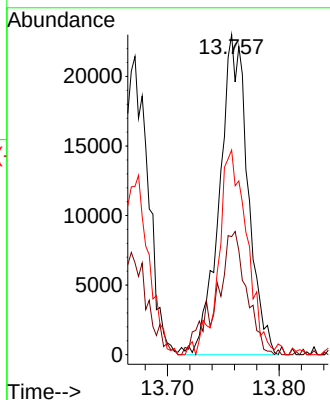
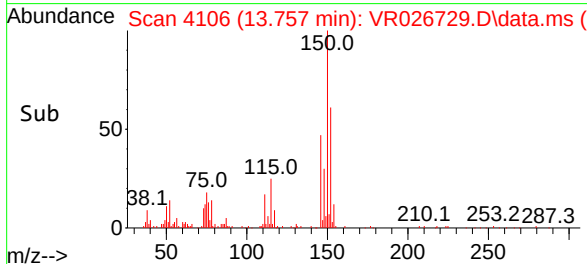
Instrument : MSVOA_R
ClientSampleId : LOQ-WATER-02-QT2-2025



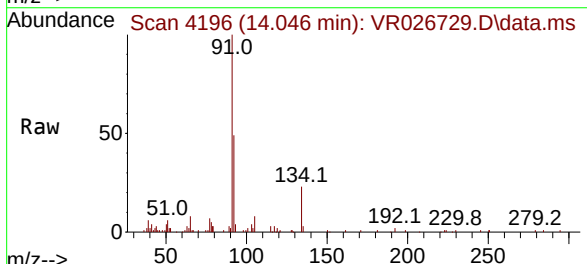
Tgt Ion:146 Resp: 40925
Ion Ratio Lower Upper
146 100
111 40.9 19.1 57.3
148 63.0 32.6 97.8

Manual Integrations
APPROVED

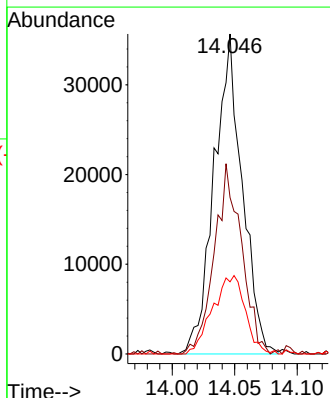
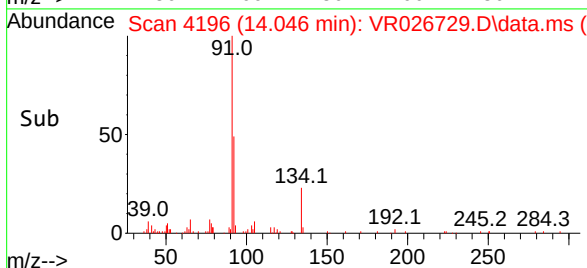
Reviewed By :Mahesh Dadoda 08/08/2025
Supervised By :Semsettin Yesilyurt 08/08/2025

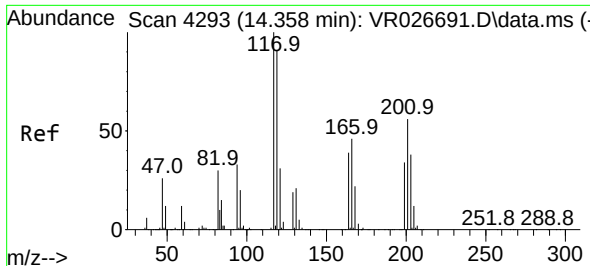


#88
n-Butylbenzene
Concen: 4.359 ug/l
RT: 14.046 min Scan# 4196
Delta R.T. -0.007 min
Lab File: VR026729.D
Acq: 7 Aug 2025 16:08



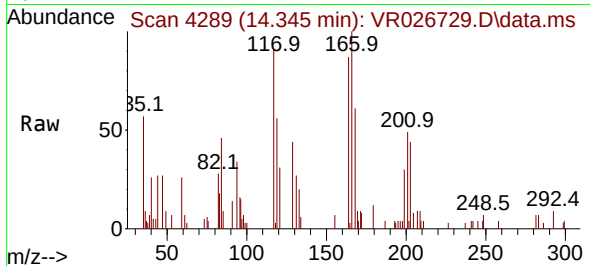
Tgt Ion: 91 Resp: 55948
Ion Ratio Lower Upper
91 100
92 57.4 27.1 81.2
134 28.5 13.1 39.3





#89
Hexachloroethane
Concen: 4.127 ug/l
RT: 14.345 min Scan# 41
Delta R.T. -0.013 min
Lab File: VR026729.D
Acq: 7 Aug 2025 16:08

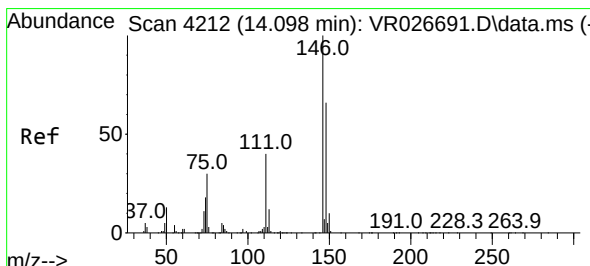
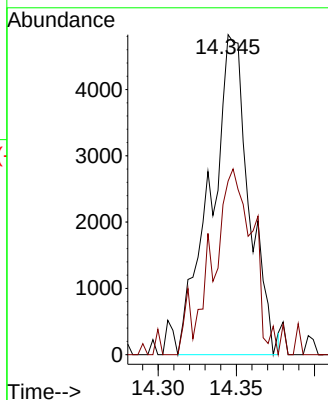
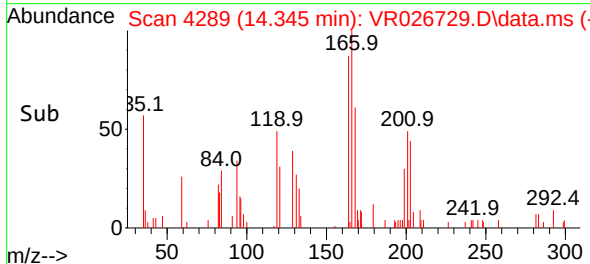
Instrument :
MSVOA_R
ClientSampleId :
LOQ-WATER-02-QT2-2025



Tgt Ion:117 Resp: 8254
Ion Ratio Lower Upper
117 100
201 52.9 30.6 92.0

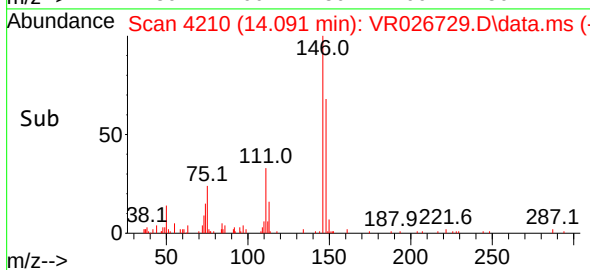
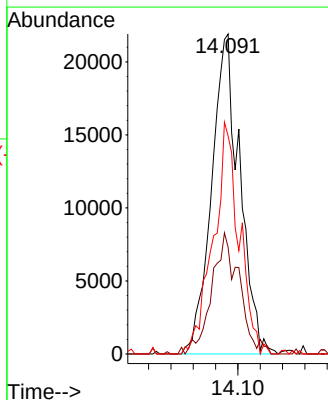
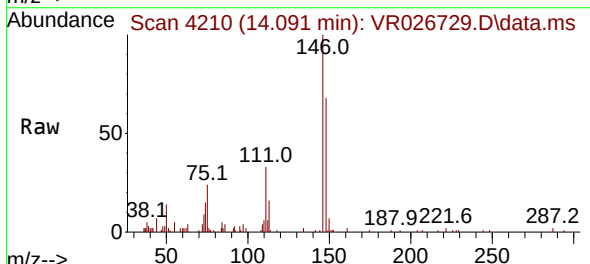
Manual Integrations
APPROVED

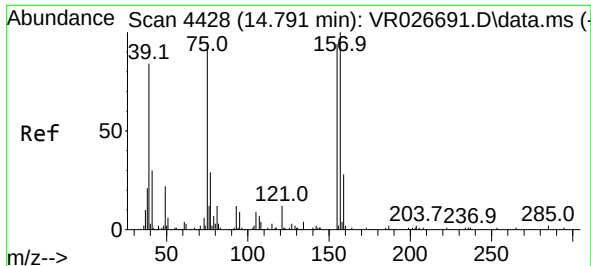
Reviewed By :Mahesh Dadoda 08/08/2025
Supervised By :Semsettin Yesilyurt 08/08/2025



#90
1,2-Dichlorobenzene
Concen: 5.563 ug/l
RT: 14.091 min Scan# 4210
Delta R.T. -0.007 min
Lab File: VR026729.D
Acq: 7 Aug 2025 16:08

Tgt Ion:146 Resp: 38381
Ion Ratio Lower Upper
146 100
111 36.0 20.0 60.0
148 66.5 32.4 97.0





#91

1,2-Dibromo-3-Chloropropane

Concen: 4.685 ug/l m

RT: 14.768 min Scan# 4428

Delta R.T. -0.023 min

Lab File: VR026729.D

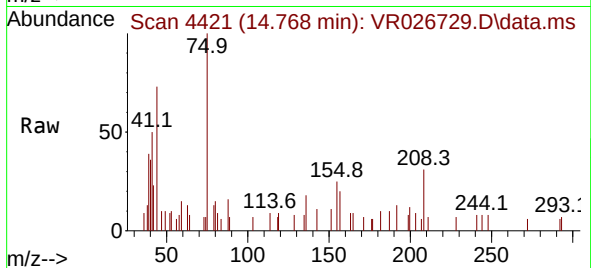
Acq: 7 Aug 2025 16:08

Instrument :

MSVOA_R

ClientSampleId :

LOQ-WATER-02-QT2-2025



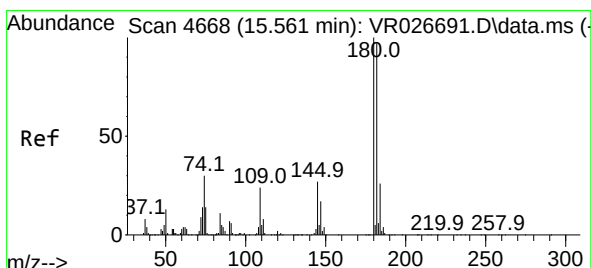
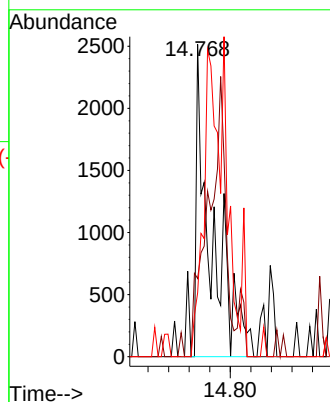
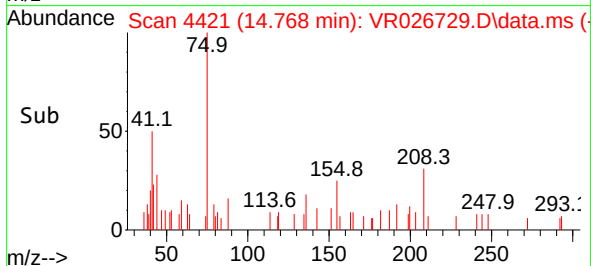
Tgt Ion: 75	Resp: 2964
Ion Ratio	Lower Upper
75	100
155	87.7 48.0 144.2
157	0.0 59.5 178.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/08/2025

Supervised By :Semsettin Yesilyurt 08/08/2025



#92

1,2,4-Trichlorobenzene

Concen: 5.583 ug/l m

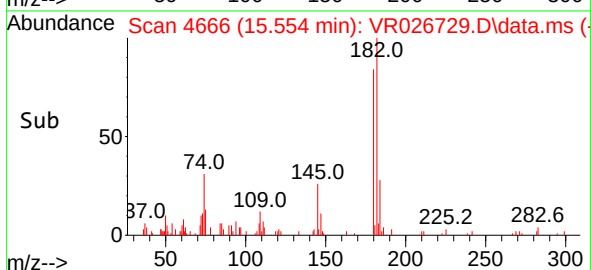
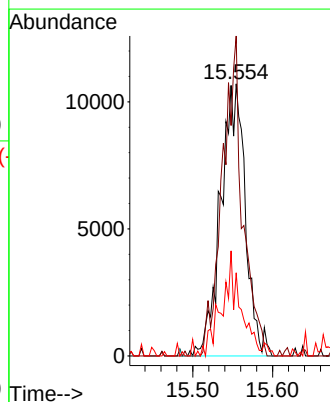
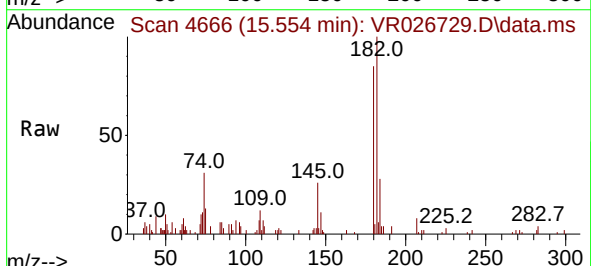
RT: 15.554 min Scan# 4666

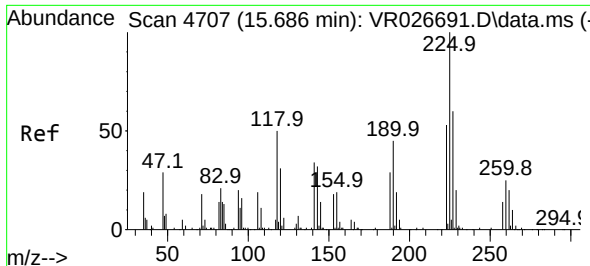
Delta R.T. -0.007 min

Lab File: VR026729.D

Acq: 7 Aug 2025 16:08

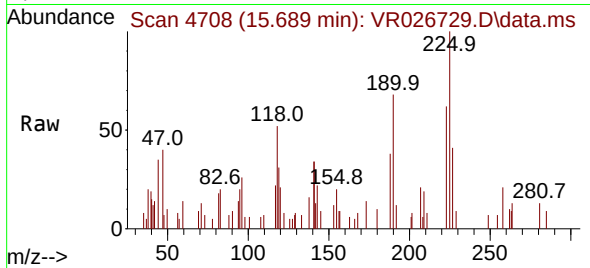
Tgt Ion:180	Resp: 23032
Ion Ratio	Lower Upper
180	100
182	96.6 47.0 141.0
145	28.9 15.2 45.5





#93
Hexachlorobutadiene
Concen: 5.411 ug/l m
RT: 15.689 min Scan# 4707
Delta R.T. 0.003 min
Lab File: VR026729.D
Acq: 7 Aug 2025 16:08

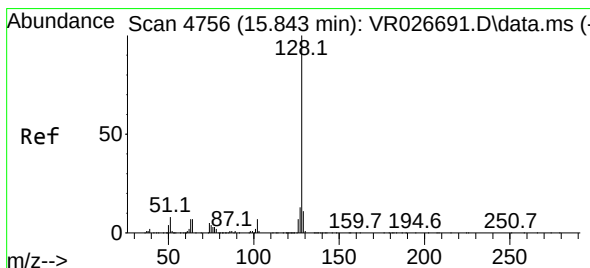
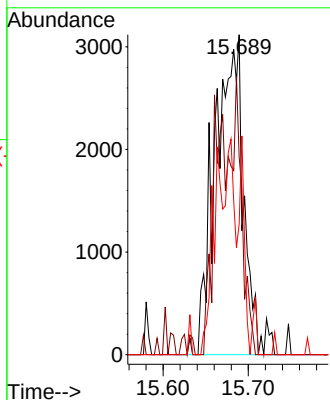
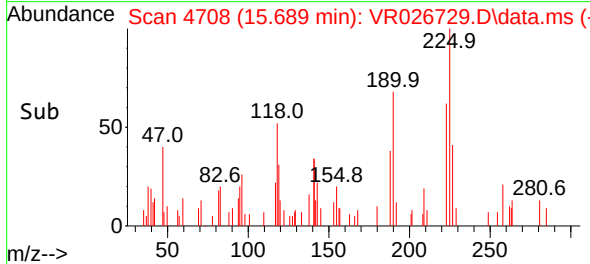
Instrument : MSVOA_R
ClientSampleId :
LOQ-WATER-02-QT2-2025



Tgt Ion:225 Resp: 725
Ion Ratio Lower Upper
225 100
223 0.0 31.4 94.2
227 12.8 31.6 95.0

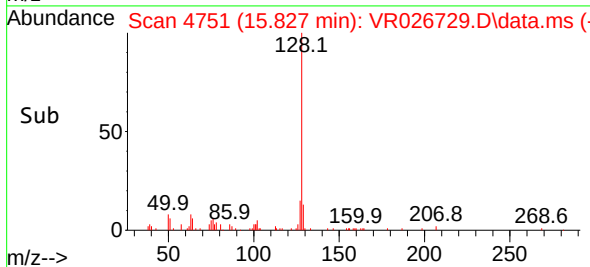
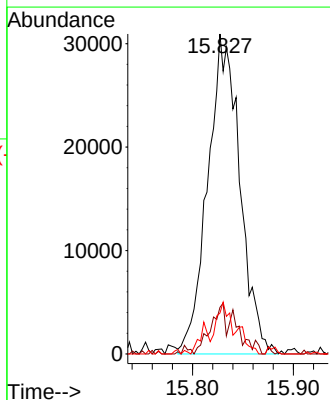
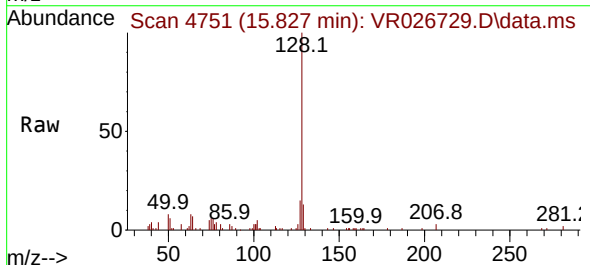
Manual Integrations
APPROVED

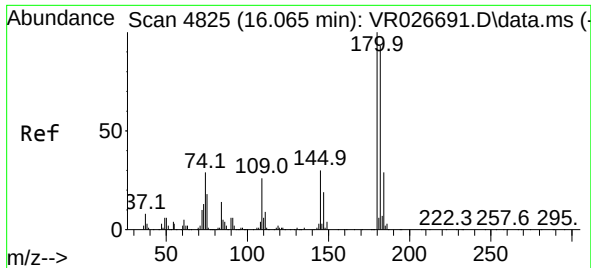
Reviewed By :Mahesh Dadoda 08/08/2025
Supervised By :Semsettin Yesilyurt 08/08/2025



#94
Naphthalene
Concen: 5.420 ug/l
RT: 15.827 min Scan# 4751
Delta R.T. -0.016 min
Lab File: VR026729.D
Acq: 7 Aug 2025 16:08

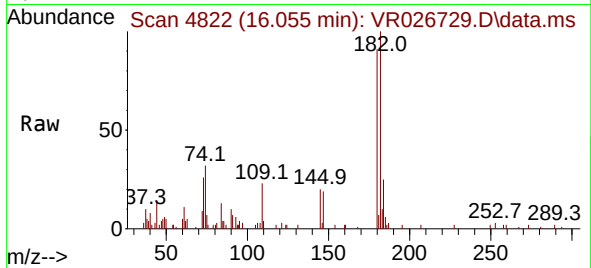
Tgt Ion:128 Resp: 68532
Ion Ratio Lower Upper
128 100
127 7.1 9.8 14.8#
129 4.7 8.6 13.0#





#95
 1,2,3-Trichlorobenzene
 Concen: 6.105 ug/l m
 RT: 16.055 min Scan# 4822
 Delta R.T. -0.010 min
 Lab File: VR026729.D
 Acq: 7 Aug 2025 16:08

Instrument : MSVOA_R
 ClientSampleId : LOQ-WATER-02-QT2-2025



Tgt Ion:	180	Resp:	2391
Ion Ratio	Lower	Upper	
180	100		
182	88.6	47.2	141.6
145	2.7	15.5	46.5

Manual Integrations
 APPROVED

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

